

NC Region, Area 1

Integrated Roadside Vegetation Management Plan

February 2007



**Washington State
Department of Transportation**
Maintenance and Operations Division

Executive Summary

The Washington State Department of Transportation (WSDOT) manages approximately 560 miles of roadside right-of-way throughout Chelan, Douglas, King and Kittitas counties. This right-of-way is part of the state highway system including US 2, US 97, SR 97A, SR 285, SR 971, SR 207, SR 150 and SR 28. A map of state highways and routes in this area is attached or can be accessed at <http://www.wsdot.wa.gov/maintenance/vegetation/default.htm>.

As a landowner in this area WSDOT is required to control all listed noxious weeds that occur on this right-of-way by state law (RCW 17.10 and 15.15.010). It is important to WSDOT to not only meet the legal requirements, but also to consider the needs and concerns of adjacent landowners in this area.

In order to better manage these roadsides WSDOT is in the process of developing an Integrated Roadside Vegetation Management (IRVM) plan for this area. This plan will serve as the primary guidance document for maintenance of roadsides in this area and will provide detailed weed control and planting guidance as well as overall policy and procedures. This plan supports WSDOT's long-range goals of managing these roadsides to:

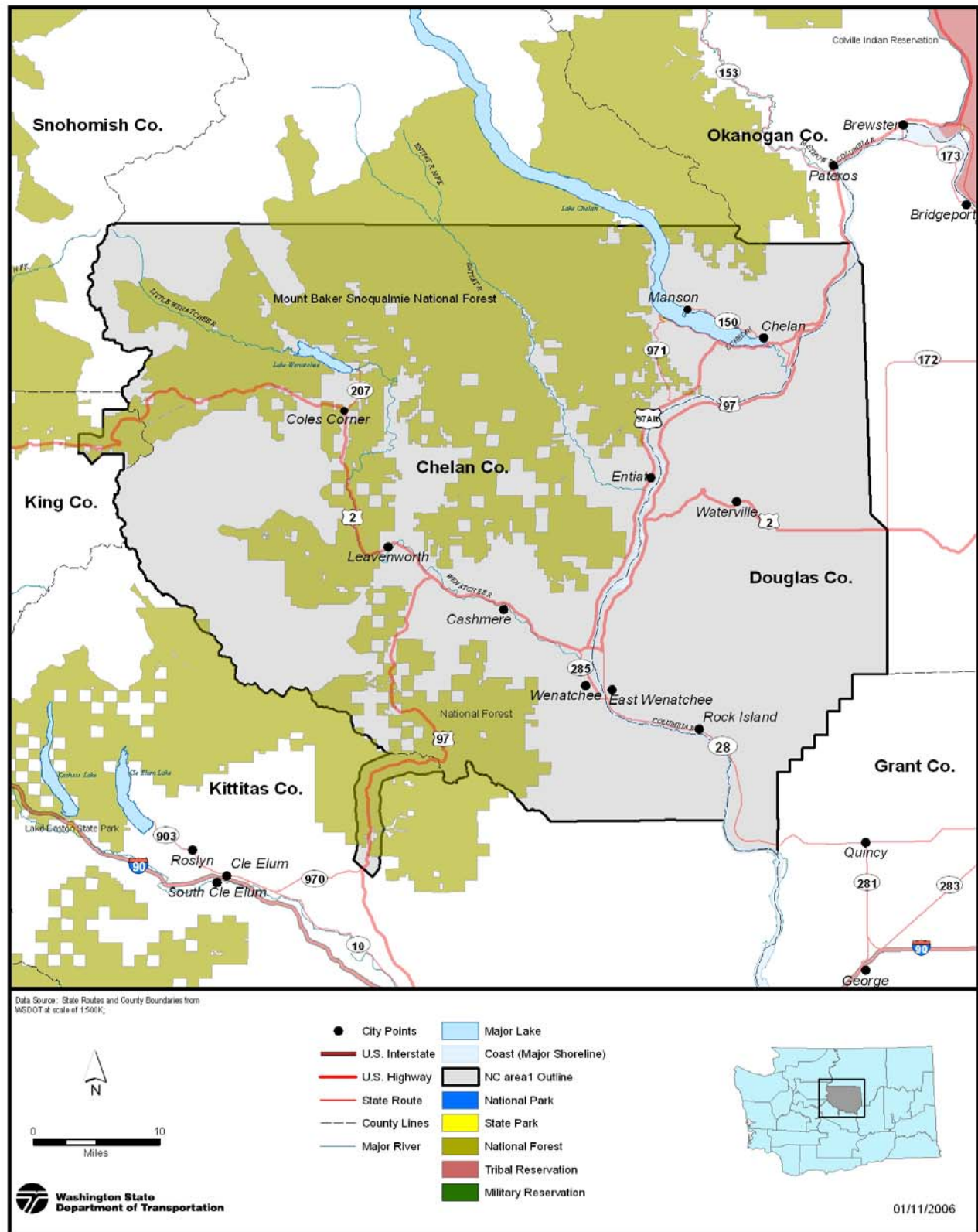
- Reduce maintenance costs
- Improve weed control
- Enhance roadside vegetation by providing stable, sustainable plant communities

The attached plan consists of four main sections, 1) introduction, 2) description of roadside concepts and WSDOT policies, 3) the main body of the plan document and 4) the appendices. The "**Introduction**" provides a background that has lead to the development of the plan as well as references to other pertinent guidance documents. The "**Description Section**" deals with roadside character and maintenance considerations and gives the reader an overall understanding of the WSDOT roadside program. The "**Plan**" is the main body of the document and includes detailed descriptions of specific maintenance activities, policies and objectives. The "**Appendices Section**" contains prescriptions for weed control and revegetation, noxious and nuisance weed locations, locations of special maintenance areas, forms and records, and a list of local public and private stakeholders.

This plan is a dynamic document that will be developed and updated over time with input from a variety of sources. WSDOT will be requesting comments and suggestions from local private and public entities during 2005-2006 by public notifications, letters and personal communications. A working draft version of the IRVM plan will be accessible in an electronic form at <http://www.wsdot.wa.gov/maintenance/vegetation/default.htm> or available in hard copy upon request. Please contact Dewayne Standerford or James Morin at the numbers listed below for questions or comments.

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Program Goals

The purpose of this section is to identify short and long term operational goals within SC Region, Area 1. These goals will help direct decisions that effect roadside management and the construction of roadside. These goals will be updated and evaluated on a yearly basis during the annual Winter Planning Meeting.

Long-Term Goals (2007-2017)

Long-term goals should be achievable within a 5 biennium's/10 year period of time and have clearly stated objectives. Long-term goals may be general in nature and should provide direction for short term operational goals.

- 1. Zone 1**
 - Eliminate Zone 1 as a standard operating procedure by 2011 within the Leavenworth sub area (org # 425120).
 - Reduce Zone 1 acreage by approximately 10% annually over the next 10 years.
- 2. Revegetation**
 - Revegetate all area that are disturbed as a result of maintenance practices.
 - Revegetate approximately 10 acres of roadside yearly, focusing on areas that are heavily infested with invasive plant species.
 - Evaluate the use of fertilizer as a roadside treatment method in NCR, Area 1.
- 3. Weed Control**
 - Eliminate Scotch Broom from North Central Region Area 1. This is an ongoing goal that requires elimination of any plants identified.
 - Increase the use of Biological controls throughout NCR Area 1 where practical, focusing on Dalmatian Toadflax and Knapweed species.
- 4. Communication**
 - Work with Scoping, Design and Construction programs to communicate Area IVM goals and improve roadsides in new projects.

Short-Term Goals (2007)

Short-term goals should be attainable within a 1-2 year period of time. Short-term goals should be specific goals with clear objectives that can be measured and reported.

- 1. Zone 1 -Eliminate zone 1 residual applications on:**
 - SR 2 MP. 56.78 to 64.73
 - SR 97 MP. 177 to 185
 - SR 28 MP 18 to19 Test Plot
 - SR 2 North and South Interchanges
- 2. Revegetation -Prepare and plant the following areas:**
 - SR 2 MP 89.93 to 90.56 Green Bridge to Chiwaukum Creek Bridge
 - SR 28 MP. 18 to 19, both sides.
- 3. Weed Control -**
 - Place biological control agents on:
 - In Chelan Falls area for Dalmatian Toadflax, 2 acres
 - SR 150 for Diffuse Knapweed, 1 acre
 - SR 2 Easy street for Dalmatian Toadflax, 1 acre.
 - SR 97 MP 184.55 to 185 for Dalmatian Toadflax 1 acre
 - Treat any Scotch Broom that is identified.
 - Tiger claw
 - SR 2 MP 101.82 to 102.37 and 102.62 to 103.05
- 4. Communication with Scoping, Design and Construction**
 - US-2 Leavenworth to Cashmere Paver, Right lane construction at Saunders road.
 - US-2 /97 Peshastin East Interchange. Add- Fall 2007, Construction 2008.

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Roadside Maintenance Considerations

The primary objectives for maintenance of roadside vegetation are:

- Provide safe highway operation
- Comply with legal regulations for control of noxious weeds
- Protection of the environment

Overall WSDOT maintenance policy and procedures are defined in Chapter 6 of the WSDOT Maintenance Manual (M51-01, March 2002)

www.wsdot.wa.gov/fasc/EngineeringPublications/Manuals/MaintenanceManual.pdf

Visual Quality

All maintenance activities should be conducted in a way that minimizes visual impacts such as wide spread “brown-out” from herbicides or shattered limbs from side trimming. Roadsides should look as natural as possible throughout the year. Appropriate visual quality for roadsides throughout the state is defined in the WSDOT Roadside Classification Plan (June 1996)

www.wsdot.wa.gov/fasc/EngineeringPublications/Manuals/RCP.pdf

Operational Zones

WSDOT roadsides are divided into several zones for the purposes of assigning management objectives, maintenance intensities, and thresholds for triggering vegetation maintenance actions. Noxious weed species designated for control by state and county law are controlled throughout all zones. Not all maintenance zones will occur along state highway on SW Region, Area 4. In many cases the narrow width of the right-of-way or adjoining land-use, limits the operational zones to Zone 1 and a narrow Zone 2 only. Roadside vegetation management zones are as follows:

Zone 1 – Where necessary, a vegetation free gravel shoulder is maintained to provide for key operational, safety and pavement preservation needs.

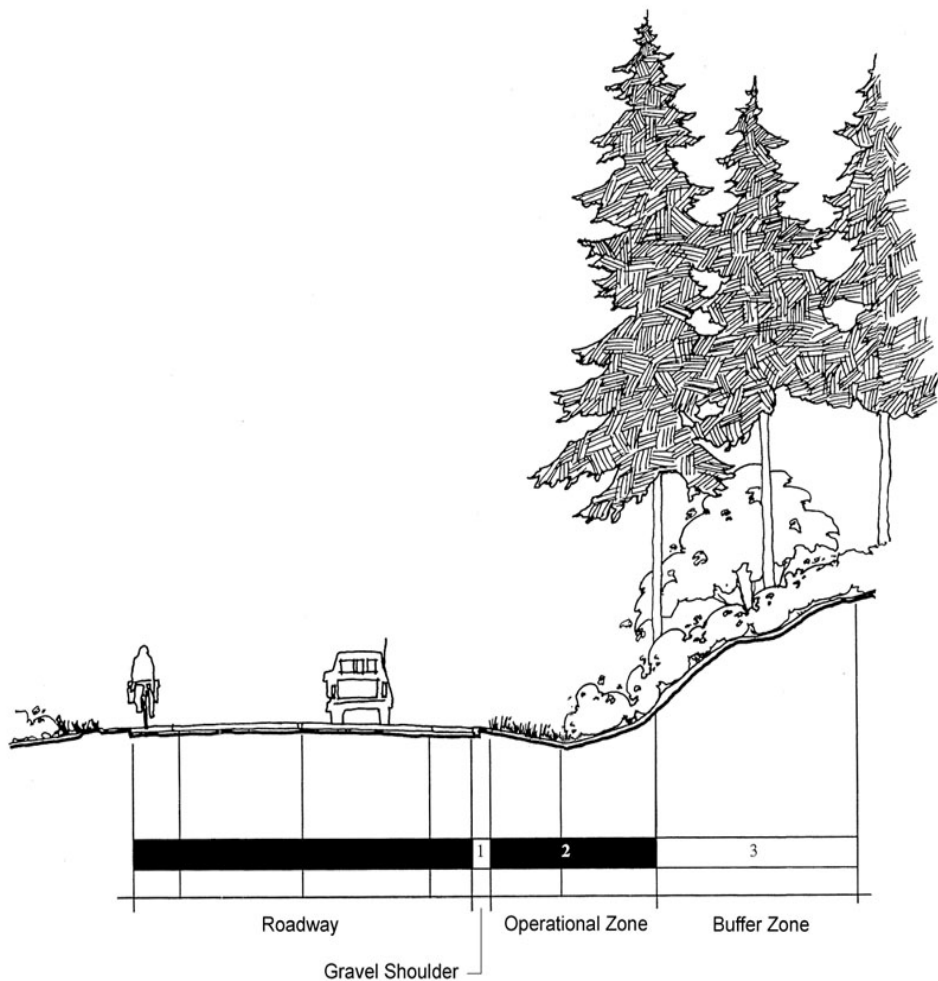
Zone 2 – The operational zone extends from the edge of Zone 1, or the pavement edge, to a width necessary to provide for safe errant vehicular recovery, maintain sight distance at corners and intersections, and provide for other operational, safety, and environmental functions. This zone must be free of vegetation with trunk diameter greater than 6”.

Where guardrail exists there is no requirement to maintain the vehicle recovery zone.

The goal of vegetation management in Zone 2 is to:

- Encourage the growth of stable low growing desirable plant communities
- Control noxious weeds
- Reduce routine maintenance costs
- Reduce erosion and stabilize the roadway shoulder
- Support roadside operational and safety needs

Zone 3 – In areas with sufficient right-of-way width, a buffer or transition zone extends from Zone 2 to the right-of-way line to provide a buffer or transitional area between the highway facility and adjacent land uses. This area is maintained selectively, and to the greatest degree possible as a self-sustaining plant community, to minimize erosion as well as the growth of weeds and undesirable trees and brush.



Gravel Shoulder

Vegetation Free Zone
Maintained using mechanical and chemical methods to improve drainage and protect pavement.

Operational Zone

Low Vegetation
Maintained by mowing and IVM for sight distance, safety, and weed control.

Buffer Zone

Native/ Natural Vegetation
Maintained using IVM to encourage native self-sustaining plant communities.

Typical Roadside Vegetation Management Zones

Figure 1

Special Considerations

Herbicide sensitive Areas

An Herbicide Sensitive Areas consist of all locations within 60' of salmon bearing streams or water body. Herbicide Sensitive Areas as described in court order of Washington Toxics Coalition vs. EPA (<http://www.epa.gov/EPA-PEST/2004/March/Day-24/p6610.htm>) occur throughout this maintenance area. Only approved herbicides will be used in these areas (<http://agr.wa.gov/PestFert/EnvResources/Buffers.htm#maps>).

Special Maintenance Areas

This plan also defines and identifies areas with unique roadside maintenance requirements or where arrangements exist due to the surrounding land use, neighbor concerns or specific highway related functions. Special maintenance areas include highway roadsides sections with agreements for maintenance by neighbors. These areas are further defined in **Special Maintenance Areas, Section 3**.

Public Notification of Herbicide Applications

WSDOT is required by law to notify chemically sensitive individuals on file with Washington State Department of Agriculture, where the residing property abuts the highway right of way and the residence is within ½ mile of the property line. Notification to chemically sensitive individuals is accomplished by letter and/or phone conversation prior to each application. For specific herbicide application schedules, the roadside vegetation maintenance personnel can be reached at 509.667.2800.

Herbicide Safety

When applying herbicides WSDOT takes precaution to avoid any impact on human and environmental health, and to ensure herbicides do not move off target. Applications are made only by trained and licensed employees following all state and federal regulations as well as all recommendations and restrictions given on the individual product labels as approved by the US Environmental Protection Agency.

WSDOT has also conducted a risk assessment for the herbicide products and application methods used on state highways. Toxicological impacts of WSDOT practices were evaluated for human health (both operators and the general public), for aquatic ecosystems, and terrestrial wildlife. The findings of this assessment are summarized in a series of fact sheets for the individual herbicides used by WSDOT. These fact sheets can be viewed and downloaded through the Internet at: http://www.wsdot.wa.gov/biz/maintenance/htm/risk_assessment.htm, or copies may be obtained by calling the WSDOT Headquarters Maintenance Office at (360) 705-7850.

WSDOT Employee Training and Education

Perhaps the most important key to success in the implementation of this plan is the education and training of the maintenance employees responsible for delivery of the program on a day-to-day basis. This plan and the information resources it provides is intended to supplement and enhance existing training and education opportunities already in place. Training and education for employees engaged in delivery of the roadside vegetation management will include:

- Participation in an annual one-day spring review of vegetation management needs and activities from the previous year, and planning for the coming year, including the maintenance crew(s), supervisor, and area maintenance superintendent and/or assistant superintendent.
- Development of a field guide using representative photographs taken along the highway in to illustrate key aspects of IVM treatment. This will be developed over the first several years of plan implementation.

- Attendance at the annual statewide WSDOT Roadside Vegetation Management Workshops, where there is a focus on IVM tools and procedures, proper and safe use of herbicides, and lessons learned from around the state.
- Ongoing participation and communication with the public and private sector. This includes involvement in local weed board meetings, public events as well as communication with neighboring landowners and municipalities.
- Annual Winter Planning Meeting held in each Maintenance Area

Roadside Design and Construction Considerations

Highway and utility construction in many cases has a significant impact on drainage, soils and vegetation adjacent to the paved roadway. WSDOT policy and practice for restoring the operational, environmental and visual functions disturbed by construction is based on the guidelines found in the Roadside Classification Plan (RCP) (WSDOT 1996), and the Roadside Manual (WSDOT M25-30, July 2002).

Internal agency coordination between the Planning, Design, Construction, Utilities and Maintenance programs is imperative to a comprehensive roadside vegetation management plan. A commitment to increasing communication in these areas is an important component in an ongoing effort to reduced lifecycle costs and improve roadside vegetation. This commitment has been recognized and agreed to by the regional management team.

Below is a list of design/construction projects that may have roadside impacts in the next 2-4 years:

US 2 Roadside Safety Improvements 2008

US 2 Chiwakum Cr. 2007

US 2 Wenatchee River Br. 2008

US 2 Wenatchee Pedestrian Trail Connection 2007

US 2 S. of Orondo Passing Lane 2008

SR 28 Jct. 2/97 to Ninth St. 2009

US 97 Roadside Safety Improvements 2009

US 97 S. Chelan Falls Passing Lane 2010

SR 285 George Sellar Br. Additional Lane 2008

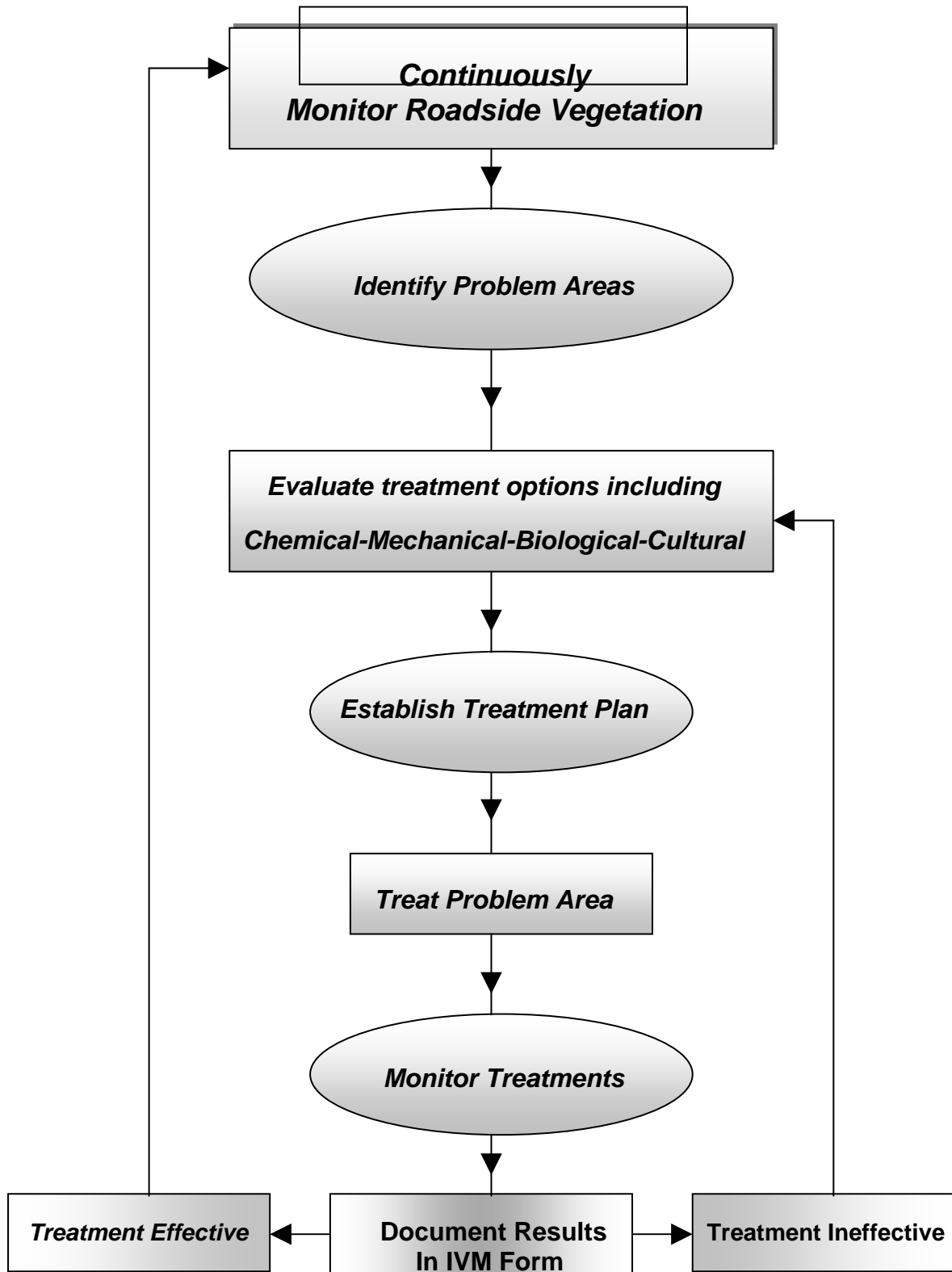
SR 285 George Sellar Bridge Intersection Improvement 2009

WSDOT North Central Region Projects Link:

<http://www.wsdot.wa.gov/regions/northcentral/projects/>

Below is a list of permitted utility projects in the North Central Region, Area 3 that are scheduled for construction within the next 2-4 years.

- *There are no utility construction contracts planned in this area at this time.*



The IVM Decision-Making Process
Figure 3

1. ROUTINE MAINTENANCE ACTIVITIES

Roadside maintenance activities are considered routine when regular annual treatment is required because vegetative growth annually or regularly exceeds action thresholds. Typical routine maintenance activities are maintenance of Zone 1 and certain types of mowing and trimming.

1.1. Routine Shoulder Maintenance (Zone 1)

1.1.1. Policy and objectives

Historically the edge of pavement or zone 1 has been maintained to be free of vegetation. This vegetation free zone has typically averaged approximately 2' to 3' in width throughout the Area. In 2005 the Area began experimenting with the elimination of zone 1 in a series of test plots. As a result of these test plots the Area has committed to reducing zone 1 bare ground applications over the next 10 years. A detailed outline of this goal can be found in this document on page 4 "Program Goals". Zone 1 treatments may continue in some areas for special safety or operational needs but must be approved by the Area Maintenance Superintendent prior to treatment. Areas previously maintained as Zone 1 will be revegetated as time and resources become available.

1.1.2. Action Thresholds (Zone 1)

An action threshold refers to the point at which action must be taken to control an infestation of weeds. The action thresholds for treatment of zone 1 are listed below and must be approved by the Region Superintendent or their designee prior to treatment:

- Sight distance limited by vegetation at the edge of pavement
- Special safety considerations

1.1.3. Methods (timing and procedures)

Zone 1 residual applications, where required, will typically occur in the fall, generally beginning in September. Herbicide Sensitive Areas will be maintained with a chemical that has been approved for use within this 60-foot buffer or by alternative mechanical applications. Special care will be given to these sensitive areas to insure that there are no impacts to the aquatic environment.

1.1.4. Prescriptions

See **Appendix A, Routine Maintenance Prescriptions, Zone 1 Maintenance**

1.2. Hazard Tree Removal

1.2.1. Policy and Practices

Trees within the right-of-way are routinely monitored by maintenance staff. Hazard trees may be:

- Dead
- Diseased
- Leaning or
- Structurally damaged or unsound

- Shading, in some cases trees cause shading and create excessive frost problems on the roadway. In these cases canopy thinning or removal may take place to mitigate the risk.

Trees that are identified as an imminent threat to the highway or traffic will be evaluated using best horticultural judgment and removed as soon as possible.

2. INTEGRATED VEGETATION MANAGEMENT ACTIVITIES

For all vegetation management needs not addressed through routine maintenance as described above, activities are planned and carried out using the principles of Integrated Vegetation Management (IVM) and the decision making process described in Figure 3 (page 11). The goals of the IVM program are to:

- Provide effective control of noxious weeds
- Reduce maintenance life cycle costs
- Establish stable roadsides with desirable vegetation
- Preserve and enhance environmental quality

2.1. Integrated Vegetation Management Planning and Tracking Database

One of the keys to successful use of IVM is carrying out activities in accordance with a long-range plan and to follow up with monitoring and evaluation of treatment results. To facilitate this, forms and a database have been created for statewide use by WSDOT maintenance. This system is being tested as part of the initial development of Roadside Vegetation Management Plans and will be modified and refined as technology in this area continues to develop over the coming years.

2.1.1. Sample forms

A copy of the Integrated Vegetation Management Record is included in **Appendix E, Forms and Records**.

2.1.2. Instructions for use

Maintenance supervisors and technicians can access the IVM Record through the existing pesticide application record keeping system available from the area office.

2.2. Mowing Operations

2.2.1. Policy and Objectives

Mowing will be accomplished throughout the South Central Region, Area 1 on an as needed basis. Mowing needs and prescriptions will vary by location. Mowing can be an effective form of weed control, but done incorrectly can cause damage to desirable vegetation and enhance the growing environment for unwanted weeds. It's important when conducting a mowing operation to consider a number of factors including goals, timing, target species, deck height and frequency.

2.2.2. Methods (timing and procedures)

Prior to conducting a mowing operation consider the following elements. Review items 1-7 below, then review and follow the appropriate prescriptions in Appendix A. There will be no mowing of desirable

vegetation including grass, forbs, shrubs or woody species without prior authorization of the Maintenance Area Superintendent or their designee.

1. **Identify Goals Of Mowing Operation:** Before prescribing mowing as a preferred alternative it is important to clearly understand what the goals of the operation are. These goals should not only be understood by the manager or decision maker, but also must be clearly communicated and understood by the operator as well. Goals may include; control of seed production, maintenance of sight distance, control of vegetation around hardware features, control of noxious or nuisance weeds in an environmental or crop sensitive area or the removal of weed skeletons for the control of newly emerging weeds.
2. **Identify Appropriate Timing:** When mowing in a stand of established dry land perennial grass, particularly native varieties, it is important to consider timing. Mowing shall not occur until after desirable grasses have reached dormancy or set seed, typically in July-August. If the goal is control of weed seed production in an area where no desirable vegetation is present, mowing should take place as late as possible but prior to seed development. This will increase the likelihood that the target plant will not produce seed.
3. **Identify Target:** Identify target plant or plants to be controlled and ensure that the mowing operation will not spread these weed or exacerbate the existing problem. Some weeds, such as Japanese knotweed, can be easily spread through mowing. Ensure that the operator understands the target species and any desirable species in the area.
4. **Deck Height:** The mower deck height must be maintained at least 6-8 inches from the ground to reduce the likelihood of exposing bare soil. It is also important to maintain this deck height if the mowing operation will include desirable grasses. Close mowing may be allowed in special cases where no desirable species occurs and restoration work will immediately follow.
5. **Clean Mower:** Mowing can easily spread weed seed from infested areas to uninfested areas. It is important to clean the mower after each operation to ensure that mowing operation is not contributing to the spread of noxious and nuisance weeds.
6. **Consider Alternatives:** As with all IVM operations it is important to consider alternative methods. Mowing in South Central Region, Area 1 is not a routine maintenance activity. It is a secondary form of weed control to be used on an as needed basis.
7. **Communicate:** Communication with the mower operator is critical to a successful mowing operation. The operator must understand the goals, timing, target species and desirable species before the mowing operation begins.

2.2.3. Prescriptions

See **Appendix A, IVM Mowing Prescriptions**

2.3. Noxious Weed Control

2.3.1. Policy and objectives

WSDOT is required to control and prevent the spread of all noxious weeds on lands owned or managed by the agency. Noxious weed control is a high priority for WSDOT as a result of this legal mandate as well as the fact that if they are left unchecked, levels of infestation can begin to spread at exponential rates from year to year. Noxious weeds are invasive, non-native plant species that can quickly dominate native plant communities and spread to other areas or regions. New infestations of noxious weeds often appear first in highway corridors after being transported from other areas by vehicles or transportation of agricultural products. Without timely control, new infestations can further spread along transportation corridors and to adjacent property. The overall cost and economic impact to the agricultural community and the health of native ecosystems can be significant.

WSDOT prioritizes weed control based on three legally defined weed species classification categories. Chapter 16-750 of the Washington Administrative Code lists weed species in classes A through C. Noxious weeds include all plants listed as class A, and those in classes B and C that are designated for control within each individual county.

Class A

Class A noxious weeds are non-native species with a limited distribution in the state. Immediate treatment of these new infestations is required by State law and is the top weed control priority to prevent spread into adjacent areas. North Central Region, Area 1 is located primarily within Noxious Weed Region 3 and 6.

(http://www.nwcb.wa.gov/weed_list/designations.html).

Chelan, Douglas, Kittitas and King Counties: Currently there are no known Class A weeds that exist on WSDOT Right of Way.

Class B

Class B weeds are more widespread than Class A, with control mandated by law only if infestations are generally limited and the species are designated within the individual counties by the County Noxious Weed Control Boards. Containment, gradual reduction, and prevention of further spread are the chief management concerns of Class B species.

Class B noxious weeds designated for control within, Chelan, Douglas, Kittitas, and King Counties, and currently present within WSDOT right-of-way in NC Region, Area 1 include:

King County:

- Scotch Broom (*Cytisus scoparius*)
- Ox Eye Daisy (*Leucanthemum vulgare*)
- Dalmatian Toadflax (*Linaria dalmatica* spp *dalmatica*)
- Japanese Knotweed (*Polygonum*
- Spotted Knapweed (*Centaurea biebersteinii*)
- Diffuse Knapweed (*Centaurea diffusa*)
- Orange Hawkweed (*Hieracium aurantiacum*)
- Wild Carrot, (*Daucus carota*)

Chelan County

- Ox Eye Daisy (*Leucanthemum vulgare*)
- Meadow Knapweed (*Centaurea jacea x nigra*)
- Spotted Knapweed (*Centaurea biebersteinii*)
- Longspine Sandbur (*Cenchrus longispinus*)
- Rush Skeletonweed (*Chondrilla juncea*)
- Milfoil, Eurasian (*Myriophyllum spicatum*)
- Dalmatian Toadflax (*Linaria dalmatica* spp *dalmatica*)
- Japanese Knotweed (*Polygonum cuspidatum*)
- Tansy Ragwort, (*Senecio jacobaea*)
- Wild Carrot, (*Daucus carota*)

Douglas County

- Pepperweed, Perennial (*Lepidium latifolium*)
- Purple Loosestrife (*Lythrum salicaria*)
- Scotch Thistle (*Onopordum acanthium*)
- Tansy Ragwort, (*Senecio jacobaea*)
- Dalmatian Toadflax (*Linaria dalmatica* spp *dalmatica*)
- Yellow Starthistle (*Centaurea solstitialis*)
- Wild Carrot, (*Daucus carota*)
- Spotted Knapweed (*Centaurea biebersteinii*)
- Longspine Sandbur (*Cenchrus longispinus*)
- Rush Skeletonweed (*Chondrilla juncea*)
- Milfoil, Eurasian (*Myriophyllum spicatum*)

Kittitas County

- Wild Carrot, (*Daucus carota*)
- Japanese Knotweed (*Polygonum cuspidatum*)
- Dalmatian Toadflax (*Linaria dalmatica* spp *dalmatica*)
- Meadow Knapweed (*Centaurea jacea x nigra*)
- Spotted Knapweed (*Centaurea biebersteinii*)
- Diffuse Knapweed (*Centaurea diffusa*)
- Scotch Broom (*Cytisus scoparius*)
- Japanese Knotweed (*Polygonum cuspidatum*)
- Kochia (*Kochia salicaria*)

Class C

Class C noxious weeds are widely established throughout Washington or may impact the agricultural industry. Counties may require control of certain Class C weeds at their own discretion. Unless otherwise required, WSDOT classifies most Class C species as nuisance weeds and provides control as part of the general roadside vegetation management program. Nuisance weeds and treatment options are described in Section 2.4 of this document.

Class C noxious weeds designated for control within Chelan, Douglas, Kittitas, and King Counties, and are currently present within WSDOT right-of-way in NC Region, Area 1 include:

King County

- None known at this time

Chelan County

- Ox eye Daisy (*Leucanthemum vulgare*)
- Diffuse Knapweed (*Centaurea diffusa*)
- Meadow Knapweed (*Centaurea jacea x nigra*)

- Russian Knapweed (*Centaurea repens*)
- Kochia (*Kochia scoparia*)
- Puncturevine (*Tribulua terrestris*)
- Canada Thistle (*Cirsium arvense*)

Douglas County

- Ox Eye Daisy (*Leucanthemum vulgare*)
- Diffuse Knapweed (*Centaurea diffusa*)
- Meadow Knapweed (*Centaurea jacea x nigra*)
- Russian Knapweed (*Centaurea repens*)
- Kochia (*Kochia scoparia*)
- Puncturevine (*Tribulua terrestris*)
- Canada Thistle (*Cirsium arvense*)

Kittitas County

- Bull Thistle (*Cirsium vulgare*)
- Canada Thistle (*Cirsium arvense*)
- Poison Hemlock (*Conium maculatum*)

2.3.2. Methods

Control of noxious weed species can be very difficult; therefore it is important to incorporate the concepts of IVM. Regardless of the specific method used to control noxious weeds, it is important to fully understand the life cycle of the weeds that are being controlled.

- Chemical: In many cases herbicides are used as a means of early control due to levels of infestations and area requiring control. Timing of herbicide treatments within the growth stage of the weed species is critical to achieving complete control of perennial species.
- Mechanical: Mowing, blading, disking and hand pulling are often used in conjunction with other control methods. Mowing considerations are covered in section 2.2 of this document.
- Biological: Biological controls are being used widely throughout WSDOT within the operating right of way. It is important to consider climate, level of infestation and available control species when selecting an appropriate biological control. It is also imperative that biocontrols be placed in an area that won't be adversely effected by mechanical or chemical control methods.
- Revegetation/Enhancement: A variety of other measures may be taken to promote natural vegetative competition through seeding, planting, and soil enhancement. Documentation of these methods and related success is essential to the success of long-term control measures. IVM forms will be completed for each of these sites and are located in Appendix E.

2.3.3. Action Thresholds

The action threshold for noxious weed control is met whenever seed production of a noxious weed is imminent. WSDOT is required by state law to control and prevent the spread of all noxious weeds on WSDOT right-of-way (RCW 17.10.040). Control efforts will be initiated prior to the noxious weed producing seed.

2.3.4. Prescriptions

See **Appendix A, IVM Prescriptions, Noxious Weed Control**

2.3.5. Species Location

See **Appendix C, Noxious Weed Locations, Table 2.2.**

2.4. Nuisance Weed Control

2.4.1. Policy and objectives

Nuisance weed control, while not required by state law, provides many positive benefits to the overall condition of the roadside including:

- Stabilization of shoulders and banks
- Improved storm water treatment
- Protection and enhancement of native plant communities
- Reduces spread of weeds
- Enhances visual quality

Depending on crew availability and budget, nuisance weeds will be controlled throughout the roadsides of South Central Region, Area 1 as part of the overall Integrated Vegetation Management process. Priority control measures will be given to new infestations or those infestations that threaten desirable roadside vegetation. In some cases, where practical, nuisance weed infestations may be treated in conjunction with of noxious weed.

For established infestations currently identified in this plan, weed populations will be contained and gradually reduced by applying appropriate vegetation management prescriptions as funds and resources are available. Control options range from manual cutting, mechanical removal, revegetation and biological control, to targeted selective herbicide application, or combinations thereof.

2.4.2. List of species currently present

Numerous Class C nuisance weeds occur throughout NC Region Area 1 within WSDOT right of way that are not targeted for control. In some cases they are controlled incidentally or for site-specific reasons.

- Mustard Species
- Teasel (*Dipsacus sylvestris*)
- Common Mullen (*Verbascum thapus*)
- Field Mustard (*Brassica campestris*)
- Pepperweed (*Lepidium* species)
- Babies Breath (*Gypsophila paniculata*)
- Milk Weed (*Asclepiadaceae*)
- Mares Tail (*Conyza canadensis*)
- China Lettuce (*Lactuca serriola*)
- Knapweed, Russian (*Centaurea repens*)
- Kochia (*Kochia scoparia*)
- Loosestrife, Purple (*Lythrum salicaria* L)
- Puncturevine (*Tribulua terrestris*)
- St. Johnswort, Common (*Hypericum perforatum*)
- Thistle, Canadian (*Cirsium arvense*)

2.4.3. Methods

Control measures for nuisance weed are dependent on the type of plant. Species that are wide spread are treated routinely throughout the season where time and budget allows. Many of these species are treated with a

combination of mowing, herbicide treatments, biological control and establishment and/or encouragement of native vegetation.

2.4.4. Action Thresholds For Nuisance Weed Control

Action will be taken at the discretion of the area superintendent. WSDOT is not required to control nuisance weeds, however, action is advised where funding is available and one or more of the following instances occur as a result of a nuisance weed infestation.

- Impact to adjacent land owners
- Impact to desirable vegetation
- Nuisance weed presence reduces effectiveness of noxious weed control due to height or density
- New infestation where local control is achievable

2.4.5. Prescriptions

See **Appendix A, IVM Prescriptions, Nuisance Weed Control**

2.4.6. Species Location by Milepost

See **Appendix C, Nuisance Weed Locations, Table 2.3.**

2.5. Tree and Brush Control

2.5.1. Policy and Objectives

Trees and brush are controlled for safety reasons including preservation of sight distance at curves and intersections, and for visibility of signs, and preventing trees with large trunk diameter from growing too close to traffic lanes.

- Native large shrub and small tree species should be allowed to grow and mature in Zone 2 and 3 and side trimmed if they encroach on sight distance or other traffic operational requirements.
- Large coniferous or deciduous tree species such as Douglas fir, bigleaf maple, alder, or cottonwood left to grow in Zone 2, can reach substantial size over a relatively short period of time and should be removed when young.

2.5.2. Methods

Removal of undesirable tree and brush species is accomplished in a variety of manners including hand cutting, herbicide applications, hand pulling, mowing or combinations thereof. A thorough understanding of the species to be controlled and consideration of proper timing is important with any of these control methods to reduce damage, minimize visual impact and be cost effective. Below are specific considerations for the various control methods:

- Mowing: In many cases it is effective to mow back the majority of the existing vegetation to the outside edge of zone 2, then follow with spot mowing or herbicide treatments of undesirable species as needed, leaving desirable species to form a competitive cover.
- Hand Cutting: When possible, hand cuttings can be chipped in place and applied to the roadside as mulch where needed. In many cases this can be used to improve soils, reduce erosion and improve vegetation.
- Timing: Consideration should be given to the visual impact of trimming as well as effectiveness of the operation. Chemical control

will not be used on deciduous trees and shrubs until after the first of September, except for cut stump treatments.

- Chemical Control: Chemical control will not be used on conifers greater than 2' in height.
- Transplanting: Whenever possible, safe and practical, seedling trees will be dug or pulled by hand and transplanted to areas where there growth will be beneficial and appropriate. Agreements may be signed to allow private citizens or groups to collect seedlings for use as transplants.
- Prescriptions: See **Appendix A**, IVM Prescriptions, Tree and Brush Control.

3. SPECIAL MAINTENANCE AREAS

Special Maintenance Areas include any sections of roadside where there are unique maintenance requirements or existing arrangements with any external organizations. Special Maintenance Areas include highways passing through the Wenatchee National Forest, community entrances or enhancement areas, areas maintained by cities, bicycle paths, storm water retention ponds, state parks, wellheads, environmentally sensitive areas, school zones, roadsides adjacent to individual properties with current or annual no-spray agreements and new technologies.

3.1. Herbicide Sensitive Areas

3.1.1. Policy and Objectives

There are a number of herbicide sensitive areas located within the region where herbicide use will be limited to reduce potential risk to the environment.

Herbicide applications made for noxious or nuisance weed control, maintenance of vegetation at the pavement edge, or applications made in combination with mechanical methods for control of undesirable trees will be made in accordance with the court order "Washington Toxics Coalition vs. EPA"

<http://agr.wa.gov/PestFert/EnvResources/Buffers.htm#maps>

The Washington State Department of Agriculture maintains a list of individuals who have been diagnosed with Multiple Chemical Sensitivity (MCS). WSDOT is required by law to notify these individuals when making herbicide applications to roadside locations if the highway right of way is adjacent to their property and their principle residence is within one-half mile of the application. Concerned individuals can obtain further information by contacting the area maintenance office in Wenatchee at 509.667.2811.

3.2. U.S. Forest Service Easement

In some locations, Interstates and State Routes are operated by WSDOT under easement from the U. S. Forest Service. This arrangement is governed by a Memorandum of Understanding between the two agencies. Road sections operated or partially operated under easement from the USFS include:

- SR 2, Stevens Pass
- SR 20, North Cascades Highway
-

In accordance with this agreement WSDOT provides annual notification to the U.S. Forest Service, Cle Elum Ranger District of proposed weed control operations. This notification is typically provided in the spring of each year

and followed up every two years to discuss the overall weed control program.

3.2.1. Policy and objectives

There are a number of herbicide sensitive areas located within the region where herbicide use will be limited to reduce any potential risk to the environment. Herbicide applications made for noxious or nuisance weed control, maintenance of vegetation at the pavement edge, or applications made in combination with mechanical methods for control of undesirable trees will be made in accordance with the court order "Washington Toxics Coalition vs. EPA"
<http://agr.wa.gov/PestFert/EnvResources/Buffers.htm#maps>

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3.2.2. Methods and Prescriptions

Activity descriptions and IVM prescriptions are included in sections above and in relevant appendices, as they relate to the various types of maintenance.

3.2.3. Locations by Milepost

Special maintenance areas are listed in **Appendix D, Special Maintenance Areas, Table 3.0**. Herbicide sensitive areas are also listed in relation to the maintenance of Zone 1 in **Appendix B, Zone 1 Maintenance, Table 1.1.2**.

3.3. Test Plots

Test plots are established as part of an on-going effort to refine the Integrated Vegetation Management process. Test plots will be used to evaluate revegetation techniques, herbicide selection, species selection, evaluate soil amendments and other research activities as needed. Test plot goals, locations and duration are identified and recorded in **Appendix D**. Two revegetation test plots have been identified within NCR Area 1 for implementation in 2005/2006. The information collected from these plots will be used to deal with other similar issues throughout Area 1 and statewide. SR 971, SR 2, SR 28,

3.3.1. Locations by Milepost, See Appendix D Test Plots

3.4. Adopt-a-Highway and Owner Will Maintain Agreements

3.4.1. Policy and objectives

The Adopt-a-Highway program allows private citizens, volunteer groups, and businesses an opportunity to contribute to an enhanced roadside appearance through direct partnership with WSDOT. The program improves the overall appearance of the roadside primarily through litter control, although other activities that improve the visual and environmental condition of the roadside are permitted as well including limited planting and maintenance of specific areas. Other partnership opportunities are possible through general permits and agreements. Volunteer groups that do enhancement planting on WSDOT roadsides are typically required to

establish and maintain the plantings. Communities may partner with WSDOT to develop and maintain selected Community Enhancement Areas as described in the Roadside Classification Plan.

Neighboring property owners may enter into an agreement with WSDOT where they take responsibility for the vegetation management activities along the area where their property abuts state right-of-way. These “owner will maintain” agreements are established through a general permit and are required to be renewed on an annual basis. These agreements are typically implemented in cases where a neighboring property owner desires a higher level of care in front of their business or residence, or prefers maintaining the area to avoid WSDOT herbicide applications near their home or business.

3.4.2. Locations by Milepost

Locations where partnership agreements exist for accomplishment of roadside maintenance are listed in **Appendix D, Special Maintenance Areas, Table 3.0**.

3.5. Environmentally Sensitive Areas

3.5.1. Policy and Objectives

As a state agency, WSDOT is committed to conducting its activities in accordance with the dictates of sound environmental protection practices. This includes pollution prevention, work to avoid, minimize and appropriately mitigate adverse environmental impacts, and to comply with all environmental laws and regulations applicable to our business and activities.

Numerous environmentally sensitive areas such as streams, rivers, wetlands, lakes, and salt-water beaches containing habitat and species protected by the Endangered Species Act, as well as wellhead areas occur within close proximity to the highway system and sometimes require alternative management techniques or specialized emergency response plans, in order to reasonably avoid or minimize environmental or water quality impacts. Since Integrated Vegetation Management (IVM) techniques will be used along all state highways in the NC Region, Area 1 to mitigate impacts from highway operation through the establishment of naturally self-sustaining plant communities in these areas, practices will not vary within these designated areas.

In compliance with the Regional Road Maintenance Endangered Species Act Program Guidelines, as agreed upon with the National Marine Fisheries Service, WSDOT has identified, mapped and located in the field all highway sections within 300 feet of rivers, wetlands and water bodies.

3.5.2. Special Considerations/Actions

With the exception of the limitations on herbicide use as described in Section 3.2 above, WSDOT will maintain roadside vegetation in these areas consistent with the descriptions and prescriptions dictated in this plan. IVM techniques will be used to target specific noxious weeds that occur in these areas to maintain control with the least amount of impact to the surrounding environment. All control measures will conform to applicable state and federal laws, label restrictions, and acceptable best management practices.

3.5.3. Locations by Type and Milepost

See **Appendix D, Special Maintenance Areas, Table 3.0**

3.6. Storm Water Management Facilities

3.6.1. Policy and Objectives

Storm water management facilities include bio-filtration swales, retention ponds and infiltration ponds.

Storm water management facilities will be managed for noxious and nuisance weeds following the same guidelines mentioned in previous sections. The primary objectives, with regard to vegetation management within these facilities, are to maintain retention and detention functions to improve water quality.

3.6.2. Activities and Methods

Noxious weed control will be conducted at all storm water management facilities as necessary. Control of nuisance weeds will be coordinated with nuisance weed control along the adjacent roadside. Trees and brush should be cleared along both sides of the perimeter fencing for a width of approximately 8 feet as needed. Inlets and outfalls should be kept clear of unwanted vegetation and debris as well.

Refer to vegetation management prescriptions for specific weed, tree and brush species in Sections 1 and 2 of this document for timing and control methods.

3.6.3. Locations table by MP

See **Appendix D, Special Maintenance Areas**, Table 3.0

3.7. Wetland Mitigation Sites

3.7.1. Policy and Objectives

Wetland mitigation results from unavoidable impacts to naturally occurring wetlands from highway construction. In these cases new wetlands are created on WSDOT right of way and vegetation is managed to provide environmental functions similar to those eliminated in other areas by the highway's presence.

Wetland mitigation sites are carefully monitored for up to 10 years following their creation to ensure compliance with environmental regulation. In most cases vegetation in these sites is planted and established through the construction process so the maintenance actions are not required unless noxious weeds or hazardous trees become an issue. However, it is important that maintenance be aware of the locations of wetland mitigation sites to avoid impacting the required environmental functions of the sites.

3.7.2. Locations table by MP

See **Appendix D, Special Maintenance Areas**, Table 3.0

Routine Maintenance Activities

Zone 1 Maintenance - typical annual maintenance

Location Type	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
gravel shoulder and/or guardrail sections	2' or 3' area free of vegetation	annual herbicide application	spray truck w/ fixed nozzle mounted 18" from ground	non-selective residual herbicide Krovar DF @ 8 Lb Oust @ 4 Ozl Fighter F @ 2.6 Ozl	Fall	none required

Zone 1 Maintenance - annual maintenance in grape/orchard areas

Location Type	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
gravel shoulder or guardrail sections	2' or 3' area free of vegetation	annual herbicide application	spray truck w/ fixed nozzle mounted 18" from ground	Diurex 4L @ 6 Lb	Fall	none required

Zone 1 Maintenance - annual maintenance in grape areas

Location Type	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
gravel shoulder or guardrail sections	2' or 3' area free of vegetation	annual herbicide application	spray truck w/ fixed nozzle mounted 18" from ground	Roundup Pro @ 64 Ozl or Roundup Pro Concentrate @ 47 Ozl	as needed	Monitor population and reapply as needed

Zone 1 Maintenance - annual maintenance in Wenatchee National Forest areas

Location Type	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
Shoulder	Grass to edge of oil	Seeding and Fertilizing	spray truck w/ fixed nozzle and hydroseeder	Liquid/Granular fertilizer Seed Mix	Fall or Early spring	Monitor population

Noxious Weed Control

Noxious Weed Control - *Kochia*, *Knapweeds*, *Dalmation Toadflax*, *Thistle* (Option A)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
Zones 2-3	as soon as plants appear	Selective eradication and control of listed noxious weeds.	spot treatment w/ herbicide most effective	tank sprayer equipped with Invert system, Injection system tank mix or back pack sprayer	Veteran 720 @ 64 Ozl Sta-put @ 32 Ozl Spreader 90 @ 32 Ozl	Early growing season	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Noxious Weed Control - *Kochia*, *Knapweeds*, *Dalmation Toadflax*, *Thistle* (Option B)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
Zones 2-3	as plants mature	Selective eradication and control of listed noxious weeds.	spot treatment w/ herbicide most effective	tank sprayer equipped with Invert system, Injection system tank mix or back pack sprayer	Veteran 720 @ 64 Ozl Readyvert 3 @ 256 Ozl	Later growing season	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Noxious Weed Control - *Kochia*, *Knapweeds*, *Dalmation Toadflax*, *Thistle* (Option C)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
Zones 2-3	as soon as plants appear	Selective eradication and control of listed noxious weeds.	spot treatment w/ herbicide most effective	tank sprayer equipped with Invert system, Injection system tank mix or back pack sprayer	Buctril @ 64 Ozl Vista @ 22 Ozl MSO @ 32 Ozl Chemtrol @ 32 Ozl	Early growing season	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Noxious Weed Control - *Japanese Knotweed* (Option A)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
all zones new or limited infestations	as soon as plants appear	eradication and control of listed noxious weeds.	spot foliar treatment w/ herbicide	Portable tank mix trailer	Roundup @ 64 Ozl or Aqua Master	Early growing season	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Noxious Weed Control - *Japanese Knotweed* (Option B)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
all zones new or limited infestations	as soon as plants appear	eradication and control of listed noxious weeds.	Hand removal with cut stem treatment	Treat cut stems	Roundup or Aqua Master	Early growing season	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Noxious Weed Control - *Japanese Knotweed* (Option C)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
all zones new or limited infestations	as soon as plants appear	eradication and control of listed noxious weeds.	Injection	Treat stems	Roundup Aqua Master	Early growing season	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Noxious Weed Control - *Dalmation toadflax* (Biological)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
all zones	as soon as plants appear	eradication and control of listed noxious weeds.	Biological Place 2 biocontrol agents (bugs) per plant	hand placement	mecinus janthinus	mid-late summer	Monitor population and reapply as needed document in IVM form

Noxious Weed Control - *Knapweeds* (Biocontrol)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
all zones	as soon as plants appear	eradication and control of listed noxious weeds.	Biological Place 2 biocontrol agents (bugs) per plant	hand placement	larinus minutus	mid-late summer	Monitor population and reapply as needed document in IVM form

Tree and Brush Control

Tree and Brush Control - Elms (trees under 6' ht.)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
zone 2	as soon as seedlings become visible w/in 30' of fog line (no guardrail present)	control of seedling trees that may impact roadside function if allowed to grow.	selective foliar treatment w/ herbicide	truck mounted sprayer where possible, backpack sprayer where necessary	Garlon 4 at label rate for cut-stump treatment	Anytime avoid brown out	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Tree and Brush Control - Alder, Maple, Cottonwood, (Sumac trees over 6' ht.)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
zone 2	whenever trees are likely or have potential to grow and fall on the highway	control of young trees that may impact roadside function if allowed to grow.	foliar treatment w/ herbicide	tank sprayer equipped with Invert system, Injection system tank mix or back pack sprayer	Krenite @ 2 Gal Liquid	Fall anytime after August	No follow-up

Tree and Brush Control

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
zone 2 or 3	as soon as seedlings become visible w/in 30' of fog line (no guardrail present)	control of seedling trees that may impact roadside function if allowed to grow.	hand pulling or hand cut	Loppers / Pruning saw Treat stump	Mechanical Garlon	anytime	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Tree and Brush Control

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
zone 2 or 3	whenever tree has been identified as defective or likely to fall on the highway	control of trees that may impact roadside function if allowed to grow.	hand cutting chip debris in zone 2 if necessary	Chain saw or pruners	Mechanical	anytime	

Nuisance Weed Control

Nuisance Weed Control - Mustard Species, Mullen, Prickly Lettuce and other Nuisance species (Option A)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
all zones new or limited infestations	as soon as plants appear	minimize populations and prevent further spread of nuisance weeds	foliar treatment w/ herbicide	tank sprayer equipped with Invert system, Injection system tank mix or back pack sprayer	Amine 4 @ 64 Ozl Vista @ 22 Ozl MSO @ 32 Ozl Chemtrol @ 32 Ozl	prior to seed	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Nuisance Weed Control - Mustard Species, Mullen, Prickly Lettuce and other Nuisance species (Option B)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
all zones new or limited infestations	as soon as plants appear	minimize populations and prevent further spread of nuisance weeds	foliar treatment w/ herbicide	tank sprayer equipped with Invert system, Injection system tank mix or back pack sprayer	Veteran 720 @ 64 Ozl Sta-put @ 32 Ozl Spreader 90 @ 32 Ozl	prior to seed	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Nuisance Weed Control - Mustard Species, Mullen, Prickly Lettuce and other Nuisance species (Option C)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
all zones new or limited infestations	As plants mature	minimize populations and prevent further spread of nuisance weeds	foliar treatment w/ herbicide	tank sprayer equipped with Invert system, Injection system tank mix or back pack sprayer	Veteran 720 @ 64 Ozl Readyvert 3 @ 256 Ozl	prior to seed	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Nuisance Weed Control - Mustard Species, Mullen, Teasel, Prickly Lettuce and other Nuisance species (Option D)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
all zones new or limited infestations	wherever new infestations occur (dependent on available resources)	minimize populations and prevent further spread of nuisance weeds	foliar treatment w/ herbicide	truck mounted sprayer where possible, backpack sprayer where necessary	Buctril @ 64 Ozl Vista @ 22 Ozl MSO @ 32 Ozl Chemtrol @ 32 Ozl	prior to seed	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Nuisance Weed Control - Zone 1 Grasses that invade residual (Option A)

Location Type	Action Threshold	Management Goal	Method	Equipment	Materials	Timing	IVM Follow-up
all zones new or limited infestations	wherever new infestations occur (dependent on available resources)	minimize populations and prevent further spread of nuisance weeds	foliar treatment w/ herbicide	truck mounted sprayer where possible, backpack sprayer where necessary	Roundup-Pro @ 64 ozd	prior to seed	Reapply as necessary. Seed and fertilize to reduce weed competition See Appendix B

Routine Mowing

Note: Mowing should be accomplished to meet specific goals and objectives specified in the "Management Goal" section below.

Zone 2 Maintenance - annual mowing

Location Type	Management Goals	Method	Equipment	Materials	Timing	IVM Follow-up
operational zone adjacent to shoulder	Maintain site distance Aesthetics in specified locations Reduce weed seed production	annual mowing, 6' - 8' wide single pass adjacent to Zone 1 as necessary	mower, attenuator	none required	June on as needed basis only	seed and fertilize to reduce weed competition if necessary (See Appendix B)

Zone 2 Maintenance - selective trimming

Location Type	Management Goals	Method	Equipment	Materials	Timing	IVM Follow-up
operational zone adjacent to shoulder	Annual brush or tree limb control adjacent to shoulder to maintain sight distance and other operational needs.	annual mechanical trimming where needed. Follow up trimming with pole saw as needed.	mower with side-arm unit, pole saw, attenuator as needed.	none required	Late in season to minimize visual impacts.	seed and fertilize if alder/scotch broom are present to reduce competition.

Planting Area -Chelan Vicinity

Planting Perscriptions

Seed Mix 1 (Rocky Soil)

Species and Variety of Seed in Mixture by Common Name and (Botanical name)	Pounds Pure Live Seed (PLS) Per Acre
Bluebunch Wheatgrass "Duffy Creek" (<i>Pseudoroegneria spicata</i>)	9.00
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.00
Sandberg Bluegrass "Duffy Creek" (<i>Poa sandbergii</i>)	3.00
Basin Wildrye "Yakima" (<i>Elymus cinereus</i>)	4.00
Total Lbs PLS/Acre	17

Planting Area -Chelan Vicinity

Planting Perscriptions

Seed Mix 2 (Sandy Soil)

Species and Variety of Seed in Mixture by Common Name and (Botanical name)	Pounds Pure Live Seed (PLS) Per Acre
Thickspike Wheatgrass "Schwindemar" (<i>Agropyron trachycaulum</i>)	4.25
Bluebunch Wheatgrass "Duffy Creek" (<i>Pseudoroegneria spicata</i>)	3.66
Sand dropseed (<i>Sporobolus cryptandrus</i>)	0.15
Sandberg Bluegrass "Duffy Creek" (<i>Poa sandbergii</i>)	0.62
Indian Ricegrass (<i>Oryzopsis hymenoides</i>)	4.75
Total Lbs PLS/Acre	13.43

Table 1.1.2

NC Region Area 1, Routine Maintenance

***Note: Guardrail areas will be maintained at an average width of 4 feet unless otherwise specified in the "Exception Column".

Zone 1 applications will be made on either a site specific-spot treatment basis, or a blanket application, where needed, to the shoulder or median, taking into account sensitive areas, buffer zones, and special maintenance areas. Areas under contract for highway construction are not treated for Zone 1 maintenance.

Abbreviations:

INC= Increasing Direction (Milepost)

DEC= Decreasing Direction (Milepost)

RS= Right Shoulder

LS= Left Shoulder

NO= No Guardrail Present

GR= Guardrail Present

JB= Jersey Barrier Present

BR= Bridge

No Zone 1= Zone 1 treatments are present unless otherwise stated as "No Zone 1" or "No Spray"

SP= Single Pass Mowing Operation Adjacent to Pavement

MP= Multiple Pass Mowing Operation

SR	Direction	Shoulder	BEG MP	END MP	Description	Exception (Width)	Mowing
002	Increase	RS	56.76	56.78	JB		
002	Increase	RS	56.78	56.80	GR		
002	Increase	RS	56.80	56.95	No Zone 1/Stevens Pass		SP
002	Increase	RS	56.95	57.06	GR		
002	Increase	RS	57.06	57.78	No Zone 1/Stevens Pass		SP
002	Increase	RS	57.78	57.81	GR		
002	Increase	RS	57.81	58.19	No Zone 1/Stevens Pass		SP
002	Increase	RS	58.19	58.26	JB		
002	Increase	RS	58.26	58.38	No Zone 1/Stevens Pass		SP
002	Increase	RS	58.38	58.49	GR		
002	Increase	RS	58.49	58.78	No Zone 1/Stevens Pass		SP
002	Increase	RS	58.78	58.99	JB		
002	Increase	RS	58.99	60.00	No Zone 1/Stevens Pass		SP
002	Increase	RS	60.00	60.03	GR		
002	Increase	RS	60.03	60.16	No Zone 1/Stevens Pass		SP
002	Increase	RS	60.16	60.18	GR		
002	Increase	RS	60.18	60.31	No Zone 1/Stevens Pass		SP
002	Increase	RS	60.31	60.34	GR		
002	Increase	RS	60.34	60.36	JB		
002	Increase	RS	60.36	62.89	No Zone 1/Stevens Pass		SP
002	Increase	RS	62.89	62.92	JB		
002	Increase	RS	62.92	64.23	No Zone 1/Stevens Pass		SP
002	Increase	RS	64.23	64.33	GR		
002	Increase	RS	64.33	64.39	No Zone 1/Stevens Pass		SP
002	Increase	RS	64.39	64.47	JB		
002	Increase	RS	64.47	68.29	No Zone 1/Stevens Pass		SP
002	Increase	RS	68.29	68.31	GR		
002	Increase	RS	68.31	70.10	No Zone 1/Stevens Pass		SP
002	Increase	RS	70.10	70.31	GR		
002	Increase	RS	70.31	71.78	No Zone 1/Stevens Pass		SP
002	Increase	RS	71.78	71.88	JB		
002	Increase	RS	71.88	72.12	No Zone 1/Stevens Pass		SP
002	Increase	RS	72.12	72.22	GR		
002	Increase	RS	72.22	72.60	No Zone 1/Stevens Pass		SP
002	Increase	RS	72.60	72.65	GR		
002	Increase	RS	72.65	72.68	JB		
002	Increase	RS	72.68	72.77	GR		
002	Increase	RS	72.77	73.11	No Zone 1/Stevens Pass		SP
002	Increase	RS	73.11	73.42	GR		
002	Increase	RS	73.42	73.45	No Zone 1/Stevens Pass		SP
002	Increase	RS	73.45	73.70	GR		
002	Increase	RS	73.70	74.18	No Zone 1/Stevens Pass		SP
002	Increase	RS	74.18	74.70	GR		
002	Increase	RS	74.70	75.27	No Zone 1/Stevens Pass		SP
002	Increase	RS	75.27	75.51	GR		

Table 1.1.2

NC Region Area 1, Routine Maintenance

002	Increase	RS	75.51	75.58	No Zone 1/Stevens Pass		SP
002	Increase	RS	75.58	75.86	GR		
002	Increase	RS	75.86	75.92	No Zone 1/Stevens Pass		SP
002	Increase	RS	75.92	75.95	GR		
002	Increase	RS	75.95	76.00	No Zone 1/Stevens Pass		SP
002	Increase	RS	76.00	76.33	GR		
002	Increase	RS	76.33	76.68	No Zone 1/Stevens Pass		SP
002	Increase	RS	76.68	76.80	GR		
002	Increase	RS	76.80	76.85	No Zone 1/Stevens Pass		SP
002	Increase	RS	76.85	77.07	GR		
002	Increase	RS	77.07	77.13	No Zone 1/Stevens Pass		SP
002	Increase	RS	77.13	77.42	GR		
002	Increase	RS	77.42	77.59	No Zone 1/Stevens Pass		SP
002	Increase	RS	77.59	78.14	GR		
002	Increase	RS	78.14	78.27	NO		SP
002	Increase	RS	78.27	78.36	GR		
002	Increase	RS	78.36	78.52	NO		SP
002	Increase	RS	78.52	78.97	GR		
002	Increase	RS	78.97	79.03	NO		SP
002	Increase	RS	79.03	79.19	GR		
002	Increase	RS	79.19	79.26	NO		
002	Increase	RS	79.26	79.39	GR		
002	Increase	RS	79.39	79.51	NO		
002	Increase	RS	79.51	79.58	GR		
002	Increase	RS	79.58	80.45	NO		
002	Increase	RS	80.45	80.50	GR		
002	Increase	RS	80.50	81.25	NO		
002	Increase	RS	81.25	81.35	GR		
002	Increase	RS	81.35	81.39	BR		
002	Increase	RS	81.39	81.45	GR		
002	Increase	RS	81.45	83.86	NO		
002	Increase	RS	83.86	83.90	GR		
002	Increase	RS	83.90	83.99	NO		
002	Increase	RS	83.99	84.20	GR		
002	Increase	RS	84.20	84.26	NO		
002	Increase	RS	84.26	84.47	GR		
002	Increase	RS	84.47	86.96	NO		
002	Increase	RS	86.96	86.98	GR		
002	Increase	RS	86.98	87.03	NO		
002	Increase	RS	87.03	87.13	GR		
002	Increase	RS	87.13	87.62	NO		
002	Increase	RS	87.62	88.02	GR		
002	Increase	RS	88.02	88.48	NO		
002	Increase	RS	88.48	88.57	GR		
002	Increase	RS	88.57	89.72	NO		
002	Increase	RS	89.72	89.86	GR		
002	Increase	RS	89.86	89.89	BR		
002	Increase	RS	89.89	89.90	GR		
002	Increase	RS	89.90	90.53	NO		
002	Increase	RS	90.53	90.55	GR		
002	Increase	RS	90.55	90.61	BR		
002	Increase	RS	90.61	92.15	GR		
002	Increase	RS	92.15	92.53	NO		
002	Increase	RS	92.53	93.20	GR		
002	Increase	RS	93.20	93.32	No spray/endangered plants		
002	Increase	RS	93.32	93.33	GR/No Spray endangered plants		
002	Increase	RS	93.33	93.34	BR		
002	Increase	RS	93.34	93.55	GR/No Spray endangered plants		
002	Increase	RS	93.55	93.62	No spray/Endangered plants		
002	Increase	RS	93.62	94.03	GR/No Spray endangered plants		
002	Increase	RS	94.03	94.11	JB/No Spray endangered plants		
002	Increase	RS	94.11	94.42	GR/No Spray endangered plants		
002	Increase	RS	94.42	94.45	NO		
002	Increase	RS	94.45	94.58	GR		
002	Increase	RS	94.58	94.71	NO		
002	Increase	RS	94.71	95.07	GR		
002	Increase	RS	95.07	95.14	NO		
002	Increase	RS	95.14	95.74	GR		
002	Increase	RS	95.74	95.80	NO		
002	Increase	RS	95.80	95.97	GR		

Table 1.1.2

NC Region Area 1, Routine Maintenance

002	Increase	RS	95.97	96.02	NO		
002	Increase	RS	96.02	96.19	GR		
002	Increase	RS	96.19	96.40	NO		
002	Increase	RS	96.40	96.49	GR		
002	Increase	RS	96.49	96.52	NO		
002	Increase	RS	96.52	97.22	GR		
002	Increase	RS	97.22	97.44	NO		
002	Increase	RS	97.44	98.46	GR		
002	Increase	RS	98.46	98.51	NO		
002	Increase	RS	98.51	98.83	GR		
002	Increase	RS	98.83	99.20	NO		
003	Increase	RS	99.20	100.42	City of Leavenworth		
002	Increase	RS	100.42	100.43	GR		
002	Increase	RS	100.43	100.51	BR		
002	Increase	RS	100.51	100.58	Curb		
002	Increase	RS	100.58	100.73	NO		
002	Increase	RS	100.73	100.82	GR		
002	Increase	RS	100.82	101.01	NO		
002	Increase	RS	101.01	101.04	JB		
002	Increase	RS	101.04	101.06	BR		
002	Increase	RS	101.06	101.07	GR		
002	Increase	RS	101.07	102.56	NO		
002	Increase	RS	102.56	103.17	Neighbor maintained/General permit		
002	Increase	RS	103.17	103.54	NO		
002	Increase	RS	103.54	103.56	JB		
002	Increase	RS	103.56	103.58	NO		
002	Increase	RS	103.58	103.59	JB		
002	Increase	RS	103.59	103.60	NO		
002	Increase	RS	103.60	103.61	JB		
002	Increase	RS	103.61	104.59	NO		
002	Increase	RS	104.59	104.67	GR		
002	Increase	RS	104.67	104.72	NO		
002	Increase	RS	104.72	104.78	GR		
002	Increase	RS	104.78	104.82	BR		
002	Increase	RS	104.82	104.83	GR		
002	Increase	RS	104.83	105.72	NO		
002	Increase	RS	105.72	105.78	GR		
002	Increase	RS	105.78	105.85	BR		
002	Increase	RS	105.85	106.06	GR		
002	Increase	RS	106.06	106.08	NO		
002	Increase	RS	106.08	106.17	GR		
002	Increase	RS	106.17	106.24	BR		
002	Increase	RS	106.24	106.59	NO		
002	Increase	RS	106.59	107.04	GR		
002	Increase	RS	107.04	107.12	JB		
002	Increase	RS	107.12	107.28	GR		
002	Increase	RS	107.28	107.33	NO		
002	Increase	RS	107.33	107.35	GR		
002	Increase	RS	107.35	107.36	Wall Structure		
002	Increase	RS	107.36	107.85	NO		
002	Increase	RS	107.85	108.55	GR		
002	Increase	RS	108.55	108.62	NO		
002	Increase	RS	108.62	108.80	GR		
002	Increase	RS	108.80	109.00	Neighbor maintained/General permit		
002	Increase	RS	109.00	110.06	GR		
002	Increase	RS	110.06	110.13	NO		
002	Increase	RS	110.13	110.17	GR		
002	Increase	RS	110.17	110.21	NO		
002	Increase	RS	110.21	110.43	GR		
002	Increase	RS	110.43	110.65	NO		
002	Increase	RS	110.65	111.05	GR		
002	Increase	RS	111.05	111.09	NO		
002	Increase	RS	111.09	111.77	GR		
002	Increase	RS	111.14	112.37	NO		
002	Increase	RS	111.77	111.95	NO		
002	Increase	RS	111.95	112.14	JB		
002	Increase	RS	112.37	112.52	GR		
002	Increase	RS	112.52	113.65	NO		
002	Increase	RS	113.65	113.82	GR		
002	Increase	RS	113.82	113.85	NO		

Table 1.1.2

NC Region Area 1, Routine Maintenance

002	Increase	RS	113.85	113.94	GR		
002	Increase	RS	113.94	114.20	NO		
002	Increase	RS	114.20	114.34	GR		
002	Increase	RS	114.34	114.37	NO		
002	Increase	RS	114.37	114.74	GR		
002	Increase	RS	114.74	114.90	NO		
002	Increase	RS	114.90	115.01	GR		
002	Increase	RS	115.01	115.14	NO		
002	Increase	RS	115.14	115.16	GR		
002	Increase	RS	115.16	115.58	NO		
002	Increase	RS	115.58	116.83	GR		
002	Increase	RS	116.83	116.98	NO		
002	Increase	RS	116.98	117.32	GR		
002	Increase	RS	117.32	117.33	NO		
002	Increase	RS	117.33	117.42	GR		
002	Increase	RS	117.42	117.92	NO		
002	Increase	RS	117.92	118.02	GR		
002	Increase	RS	118.02	118.28	NO		
002	Increase	RS	118.28	118.43	GR		
002	Increase	RS	118.43	118.85	NO		
002	Increase	RS	118.85	118.87	GR		
002	Increase	RS	118.87	118.90	JB		
002	Increase	RS	118.90	118.92	NO		
002	Increase	RS	118.92	118.93	GR		
002	Increase	RS	118.93	119.64	NO		
002	Increase	RS	119.64	119.65	GR		
002	Increase	RS	119.65	119.69B	BR		
002	Increase	RS	119.69B	119.70B	GR		
002	Increase	RS	119.70B	119.77B	NO		
002	Increase	RS	119.77B	119.82B	GR		
002	Increase	RS	119.82B	119.71	JB		
002	Increase	RS	119.71	119.77	GR		
002	Increase	RS	119.77	120.04	BR		
002	Increase	RS	120.04	120.25	JB		
002	Increase	RS	120.25	120.30	NO		
002	Increase	RS	120.30	120.34	BR		
002	Increase	RS	120.34	120.35	GR		
002	Increase	RS	120.35	120.66	NO		
002	Increase	RS	120.66	120.76	GR		
002	Increase	RS	120.76	127.99	NO		
002	Increase	RS	127.99	128.02	GR		
002	Increase	RS	128.02	128.05	Neighbor maintained/General permit		
002	Increase	RS	128.05	129.07	NO		
002	Increase	RS	129.07	129.09	GR		
002	Increase	RS	129.09	132.77	NO		
002	Increase	RS	132.77	132.93	GR		
002	Increase	RS	132.93	134.68	NO		
002	Increase	RS	134.68	134.82	GR		
002	Increase	RS	134.82	136.39	NO		
002	Increase	RS	136.39	136.53	GR		
002	Increase	RS	136.53	138.00	NO		
002	Increase	RS	138.00	138.12	GR		
002	Increase	RS	138.12	138.18	NO		
002	Increase	RS	138.18	138.21	GR		
002	Increase	RS	138.21	138.44	NO		
002	Increase	RS	138.44	138.70	GR		
002	Increase	RS	138.70	138.72	NO		
002	Increase	RS	138.72	138.78	GR		
002	Increase	RS	138.78	139.21	NO		
002	Increase	RS	139.21	139.28	GR		
002	Increase	RS	139.28	140.03	NO		
002	Increase	RS	140.03	140.07	Neighbor maintained/General permit		
002	Increase	RS	140.07	141.16	NO		
002	Increase	RS	141.16	141.22	GR		
002	Increase	RS	141.22	141.26	BR		
002	Increase	RS	141.26	141.43	GR		
002	Increase	RS	141.43	141.47	NO		
002	Increase	RS	141.47	141.61	GR		
002	Increase	RS	141.61	141.64	NO		
002	Increase	RS	141.64	141.67	GR		

Table 1.1.2

NC Region Area 1, Routine Maintenance

002	Increase	RS	141.67	141.69	NO		
002	Increase	RS	141.69	141.98	GR		
002	Increase	RS	141.98	142.02	NO		
002	Increase	RS	142.02	142.12	GR		
002	Increase	RS	142.12	142.21	NO		
002	Increase	RS	142.21	142.40	GR		
002	Increase	RS	142.40	142.47	NO		
002	Increase	RS	142.47	142.65	GR		
002	Increase	RS	142.65	142.69	NO		
002	Increase	RS	142.69	142.71	GR		
002	Increase	RS	142.71	142.74	NO		
002	Increase	RS	142.74	143.29	GR		
002	Increase	RS	143.29	143.33	NO		
002	Increase	RS	143.33	143.48	GR		
002	Increase	RS	143.48	143.52	BR		
002	Increase	RS	143.52	143.84	GR		
002	Increase	RS	143.84	143.90	NO		
002	Increase	RS	143.90	144.01	GR		
002	Increase	RS	144.01	144.07	NO		
002	Increase	RS	144.07	144.14	GR		
002	Increase	RS	144.14	144.20	NO		
002	Increase	RS	144.20	144.29	GR		
002	Increase	RS	144.29	144.34	BR		
002	Increase	RS	144.34	144.55	GR		
002	Increase	RS	144.55	144.57	NO		
002	Increase	RS	144.57	144.97	GR		
002	Increase	RS	144.97	145.08	NO		
002	Increase	RS	145.08	145.69	GR		
002	Increase	RS	145.69	145.88	NO		
002	Increase	RS	145.88	146.09	GR		
002	Increase	RS	146.09	146.48	NO		
002	Increase	RS	146.48	146.55	GR		
002	Increase	RS	146.55	146.90	NO		
002	Increase	RS	146.90	147.01	GR		
002	Increase	RS	147.01	148.81	NO		
002	Increase	RS	148.81	150.26	City of Waterville		
002	Increase	RS	150.26	152.57	NO		
002	Increase	RS	152.57	152.78	GR		
002	Increase	RS	152.78	152.85	NO		
002	Increase	RS	152.85	152.91	GR		
002	Increase	RS	152.91	153.90	NO		
002	Increase	RS	153.90	153.91	GR		
002	Increase	RS	153.91	153.92	BR		
002	Increase	RS	153.92	153.94	GR		
002	Increase	RS	153.94	153.99	NO		
002	Increase	RS	153.99	154.22	GR		
002	Increase	RS	154.22	161.04	NO		
002	Increase	RS	161.04	161.07	GR		
002	Increase	RS	161.07	162.80	NO		
002	Increase	RS	162.80	162.83	GR		
002	Increase	RS	162.83	162.88	NO		
002	Decrease	RS	162.88	153.94	NO		
002	Decrease	RS	153.94	153.92	GR		
002	Decrease	RS	153.92	153.91	BG		
002	Decrease	RS	153.91	150.26	NO		
002	Decrease	RS	150.26	148.81	City of Waterville		
002	Decrease	RS	148.81	147.40	NO		
002	Decrease	RS	147.40	147.15	GR		
002	Decrease	RS	147.15	146.04	NO		
002	Decrease	RS	146.04	145.95	GR		
002	Decrease	RS	145.95	145.89	NO		
002	Decrease	RS	145.89	145.86	GR		
002	Decrease	RS	145.86	141.40	NO		
002	Decrease	RS	141.40	141.25	GR		
002	Decrease	RS	141.25	141.21	BR		
002	Decrease	RS	141.21	141.12	GR		
002	Decrease	RS	141.12	141.07	NO		
002	Decrease	RS	141.07	140.68	GR		
002	Decrease	RS	140.68	139.28	NO		

Table 1.1.2

NC Region Area 1, Routine Maintenance

002	Decrease	RS	139.28	139.16	GR		
002	Decrease	RS	139.16	138.84	NO		
002	Decrease	RS	138.84	138.15	GR		
002	Decrease	RS	138.15	138.13	NO		
002	Decrease	RS	138.13	137.94	GR		
002	Decrease	RS	137.94	137.90	NO		
002	Decrease	RS	137.90	137.71	GR		
002	Decrease	RS	137.71	137.66	NO		
002	Decrease	RS	137.66	137.60	GR		
002	Decrease	RS	137.60	137.46	NO		
002	Decrease	RS	137.46	137.39	GR		
002	Decrease	RS	137.39	137.27	NO		
002	Decrease	RS	137.27	136.87	GR		
002	Decrease	RS	136.87	136.63	NO		
002	Decrease	RS	136.63	136.40	GR		
002	Decrease	RS	136.40	135.78	NO		
002	Decrease	RS	135.78	135.48	GR		
002	Decrease	RS	135.48	135.25	NO		
002	Decrease	RS	135.25	134.95	GR		
002	Decrease	RS	134.95	134.89	NO		
002	Decrease	RS	134.89	134.50	GR		
002	Decrease	RS	134.50	134.39	NO		
002	Decrease	RS	134.39	133.80	GR		
002	Decrease	RS	133.80	133.65	NO		
002	Decrease	RS	133.65	133.61	GR		
002	Decrease	RS	133.61	132.93	NO		
002	Decrease	RS	132.93	132.78	GR		
002	Decrease	RS	132.78	131.27	NO		
002	Decrease	RS	131.27	131.00	GR		
002	Decrease	RS	131.00	129.38	NO		
002	Decrease	RS	129.38	128.70	GR		
002	Decrease	RS	128.70	128.69	NO		
002	Decrease	RS	128.69	128.54	GR		
002	Decrease	RS	128.54	128.47	NO		
002	Decrease	RS	128.47	128.41	GR		
002	Decrease	RS	128.41	128.04	NO		
002	Decrease	RS	128.04	127.95	GR		
002	Decrease	RS	127.95	127.84	NO		
002	Decrease	RS	127.84	120.72	GR		
002	Decrease	RS	120.72	120.38	NO		
002	Decrease	RS	120.38	120.36	GR		
002	Decrease	RS	120.36	120.33	BR		
002	Decrease	RS	120.33	120.32	GR		
002	Decrease	RS	120.32	120.26	NO		
002	Decrease	RS	120.26	120.24	GR		
002	Decrease	RS	120.24	120.18	BR		
002	Decrease	RS	120.18	120.10	NO		
002	Decrease	RS	120.10	120.05	GR		
002	Decrease	RS	120.05	119.78	BR		
002	Decrease	RS	119.78	119.73	GR		
002	Decrease	RS	119.73	119.69	JB		
002	Decrease	RS	119.69	119.72B	NO		
002	Decrease	RS	119.72B	119.71B	GR		
002	Decrease	RS	119.71B	119.66	BR		
002	Decrease	RS	119.66	118.96	NO		
002	Decrease	RS	118.96	118.92	GR		
002	Decrease	RS	118.92	118.90	BR		
002	Decrease	RS	118.90	118.88	JB		
002	Decrease	RS	118.88	118.45	NO		
002	Decrease	RS	118.45	118.31	GR		
002	Decrease	RS	118.31	117.25	NO		
002	Decrease	RS	117.25	117.03	GR		
002	Decrease	RS	117.03	116.78	NO		
002	Decrease	RS	116.78	115.78	GR		
002	Decrease	RS	115.78	115.18	NO		
002	Decrease	RS	115.18	115.16	GR		
002	Decrease	RS	115.16	113.44	NO		
002	Decrease	RS	113.44	113.38	GR		
002	Decrease	RS	113.38	112.54	NO		
002	Decrease	RS	112.54	112.42	GR		

Table 1.1.2

NC Region Area 1, Routine Maintenance

002	Decrease	RS	112.42	111.59	NO		
002	Decrease	RS	111.59	111.09	GR		
002	Decrease	RS	111.09	111.08	NO		
002	Decrease	RS	111.08	110.68	GR		
002	Decrease	RS	110.68	110.39	NO		
002	Decrease	RS	110.39	110.18	GR		
002	Decrease	RS	110.18	109.06	NO		
002	Decrease	RS	109.06	108.90	GR		
002	Decrease	RS	108.90	108.55	NO		
002	Decrease	RS	108.55	108.27	GR		
002	Decrease	RS	108.27	108.07	NO		
002	Decrease	RS	108.07	107.86	GR		
002	Decrease	RS	107.86	107.36	NO		
002	Decrease	RS	107.36	107.31	GR		
002	Decrease	RS	107.31	107.30	Wall Structure		
002	Decrease	RS	107.30	107.21	NO		
002	Decrease	RS	107.21	107.12	GR		
002	Decrease	RS	107.12	107.03	BR		
002	Decrease	RS	107.03	106.31	NO		
002	Decrease	RS	106.31	106.25	GR		
002	Decrease	RS	106.25	106.18	BR		
002	Decrease	RS	106.18	106.11	GR		
002	Decrease	RS	106.11	106.09	NO		
002	Decrease	RS	106.09	106.03	GR		
002	Decrease	RS	106.03	105.87	NO		
002	Decrease	RS	105.87	105.85	GR		
002	Decrease	RS	105.85	105.79	BR		
002	Decrease	RS	105.79	105.75	GR		
002	Decrease	RS	105.75	105.60	NO		
002	Decrease	RS	105.60	105.54	GR		
002	Decrease	RS	105.54	105.08	NO		
002	Decrease	RS	105.08	104.99	GR		
002	Decrease	RS	104.99	104.88	NO		
002	Decrease	RS	104.88	104.84	GR		
002	Decrease	RS	104.84	104.79	BR		
002	Decrease	RS	104.79	104.73	GR		
002	Decrease	RS	104.73	104.69	NO		
002	Decrease	RS	104.69	104.65	Neighbor maintained/General permit		
002	Decrease	RS	104.65	103.95	NO		
002	Decrease	RS	103.95	103.75	GR		
002	Decrease	RS	103.75	103.66	NO		
002	Decrease	RS	103.66	103.44	GR		
002	Decrease	RS	103.44	103.42	NO		
002	Decrease	RS	103.42	102.92	GR		
002	Decrease	RS	102.92	102.45	NO		
002	Decrease	RS	102.45	102.25	GR		
002	Decrease	RS	102.25	102.14	NO		
002	Decrease	RS	102.14	101.98	Neighbor maintained/General permit		
002	Decrease	RS	101.98	101.73	NO		
002	Decrease	RS	101.73	101.55	GR		
002	Decrease	RS	101.55	101.25	NO		
002	Decrease	RS	101.25	101.06	GR		
002	Decrease	RS	101.06	101.04	BR		
002	Decrease	RS	101.04	101.02	GR		
002	Decrease	RS	101.02	100.98	NO		
002	Decrease	RS	100.98	100.92	GR		
002	Decrease	RS	100.92	100.84	NO		
002	Decrease	RS	100.84	100.68	GR		
002	Decrease	RS	100.68	100.60	NO		
002	Decrease	RS	100.60	100.52	Curb		
002	Decrease	RS	100.52	100.44	BR		
002	Decrease	RS	100.44	100.40	Curb		
002	Decrease	RS	100.40	100.34	Wall Structure		
002	Decrease	RS	100.34	99.20	City of Leavenworth		
002	Decrease	RS	399.20	99.05	Curb		
002	Decrease	RS	99.05	97.04	NO		
002	Decrease	RS	97.04	96.99	JB		
002	Decrease	RS	96.99	95.61	NO		
002	Decrease	RS	95.61	95.58	JB		
002	Decrease	RS	95.58	95.38	NO		

Table 1.1.2

NC Region Area 1, Routine Maintenance

002	Decrease	RS	95.38	95.22	JB		
002	Decrease	RS	95.22	94.30	NO		
002	Decrease	RS	94.30	93.37	No spray endangered plants		
002	Decrease	RS	93.37	93.36	GR/No spray endangered plants		
002	Decrease	RS	93.36	93.35	BR		
002	Decrease	RS	93.35	93.33	GR/No spray endangered plants		
002	Decrease	RS	93.33	90.67	NO		
002	Decrease	RS	90.67	90.62	GR		
002	Decrease	RS	90.62	90.56	BR		
002	Decrease	RS	90.56	90.54	GR		
002	Decrease	RS	90.54	89.95	NO		
002	Decrease	RS	89.95	89.91	GR		
002	Decrease	RS	89.91	89.88	BR		
002	Decrease	RS	89.88	89.85	GR		
002	Decrease	RS	89.85	88.57	NO		
002	Decrease	RS	88.58	88.53	BR		
002	Decrease	RS	88.53	88.52	GR		
002	Decrease	RS	88.52	88.13	NO		
002	Decrease	RS	88.13	88.02	GR		
002	Decrease	RS	88.02	87.69	NO		
002	Decrease	RS	87.69	87.61	GR		
002	Decrease	RS	87.61	87.49	NO		
002	Decrease	RS	87.49	87.43	GR		
002	Decrease	RS	87.43	87.14	NO		
002	Decrease	RS	87.14	87.09	GR		
002	Decrease	RS	87.09	87.02	NO		
002	Decrease	RS	87.02	86.99	GR		
002	Decrease	RS	86.99	84.41	NO		
002	Decrease	RS	84.41	84.27	GR		
002	Decrease	RS	84.27	84.22	NO		
002	Decrease	RS	84.22	84.06	GR		
002	Decrease	RS	84.06	83.86	NO		
002	Decrease	RS	83.86	83.72	GR		
002	Decrease	RS	83.72	83.71	NO		
002	Decrease	RS	83.71	83.62	GR		
002	Decrease	RS	83.62	83.39	NO		
002	Decrease	RS	83.39	83.15	GR		
002	Decrease	RS	83.15	82.96	NO		
002	Decrease	RS	82.96	82.72	GR		
002	Decrease	RS	82.72	82.33	NO		
002	Decrease	RS	82.33	82.23	GR		
002	Decrease	RS	82.23	82.09	NO		
002	Decrease	RS	82.09	82.01	GR		
002	Decrease	RS	82.01	81.44	NO		
002	Decrease	RS	81.44	81.40	GR		
002	Decrease	RS	81.40	81.37	BR		
002	Decrease	RS	81.37	81.27	GR		
002	Decrease	RS	81.27	80.62	NO		
002	Decrease	RS	80.62	80.51	GR		
002	Decrease	RS	80.51	80.21	NO		
002	Decrease	RS	80.21	80.19	GR		
002	Decrease	RS	80.19	79.35	NO		
002	Decrease	RS	79.35	79.26	GR		
002	Decrease	RS	79.26	79.22	NO		
002	Decrease	RS	79.22	79.05	GR		
002	Decrease	RS	79.05	77.45	No Zone 1/Stevens Pass		
002	Decrease	RS	77.45	77.38	GR		
002	Decrease	RS	77.38	75.99	No Zone 1/Stevens Pass		
002	Decrease	RS	75.99	75.96	GR		
002	Decrease	RS	75.96	75.73	No Zone 1/Stevens Pass		
002	Decrease	RS	75.73	75.60	GR		
002	Decrease	RS	75.60	72.69	No Zone 1/Stevens Pass		
002	Decrease	RS	72.69	72.68	GR		
002	Decrease	RS	72.68	72.64	BR		
002	Decrease	RS	72.64	72.60	GR		
002	Decrease	RS	72.60	72.01	No Zone 1/Stevens Pass		
002	Decrease	RS	72.01	71.81	GR		
002	Decrease	RS	71.81	71.77	JB		
002	Decrease	RS	71.77	71.45	GR		
002	Decrease	RS	71.45	71.04	No Zone 1/Stevens Pass		

Table 1.1.2

NC Region Area 1, Routine Maintenance

002	Decrease	RS	71.04	71.03	GR		
002	Decrease	RS	71.03	71.02	JB		
002	Decrease	RS	71.02	71.00	GR		
002	Decrease	RS	71.00	70.98	No Zone 1/Stevens Pass		
002	Decrease	RS	70.98	70.97	GR		
002	Decrease	RS	70.97	70.94	JB		
002	Decrease	RS	70.94	70.55	GR		
002	Decrease	RS	70.55	70.41	No Zone 1/Stevens Pass		
002	Decrease	RS	70.41	70.01	GR		
002	Decrease	RS	70.01	69.94	No Zone 1/Stevens Pass		
002	Decrease	RS	69.94	69.61	GR		
002	Decrease	RS	69.61	69.53	No Zone 1/Stevens Pass		
002	Decrease	RS	69.53	69.28	GR		
002	Decrease	RS	69.28	69.11	No Zone 1/Stevens Pass		
002	Decrease	RS	69.11	68.99	GR		
002	Decrease	RS	68.99	68.84	No Zone 1/Stevens Pass		
002	Decrease	RS	68.84	68.65	GR		
002	Decrease	RS	68.65	68.63	No Zone 1/Stevens Pass		
002	Decrease	RS	68.63	68.45	GR		
002	Decrease	RS	68.45	64.88	No Zone 1/Stevens Pass		
002	Decrease	RS	64.88	64.87	GR		
002	Decrease	RS	64.87	64.46	No Zone 1/Stevens Pass		
002	Decrease	RS	64.46	64.34	JB		
002	Decrease	RS	64.34	64.33	No Zone 1/Stevens Pass		
002	Decrease	RS	64.33	61.92	JB		
002	Decrease	RS	61.92	61.91	No Zone 1/Stevens Pass		
002	Decrease	RS	61.91	60.35	JB		
002	Decrease	RS	60.35	60.22	No Zone 1/Stevens Pass		
002	Decrease	RS	60.22	59.85	GR		
002	Decrease	RS	59.85	59.73	No Zone 1/Stevens Pass		
002	Decrease	RS	59.73	59.44	GR		
002	Decrease	RS	59.44	59.39	JB		
002	Decrease	RS	59.39	59.22	No Zone 1/Stevens Pass		
002	Decrease	RS	59.22	58.82	BR		
002	Decrease	RS	58.82	58.81	JB		
002	Decrease	RS	58.81	58.54	No Zone 1/Stevens Pass		
002	Decrease	RS	58.54	58.31	GR		
002	Decrease	RS	58.31	58.27	No Zone 1/Stevens Pass		
002	Decrease	RS	58.27	58.20	JB		
002	Decrease	RS	58.20	58.11	No Zone 1/Stevens Pass		
002	Decrease	RS	58.11	58.00	GR		
002	Decrease	RS	58.00	57.81	No Zone 1/Stevens Pass		
002	Decrease	RS	57.81	57.72	GR		
002	Decrease	RS	57.72	57.66	No Zone 1/Stevens Pass		
002	Decrease	RS	57.66	57.60	GR		
002	Decrease	RS	57.60	57.43	No Zone 1/Stevens Pass		
002	Decrease	RS	57.43	57.25	GR		
002	Decrease	RS	57.25	57.18	No Zone 1/Stevens Pass		
002	Decrease	RS	57.18	57.14	GR		
002	Decrease	RS	57.14	57.06	No Zone 1/Stevens Pass		
002	Decrease	RS	57.06	57.04	GR		
002	Decrease	RS	57.04	56.97	No Zone 1/Stevens Pass		
002	Decrease	RS	56.97	56.94	GR		
002	Decrease	RS	56.94	56.82	No Zone 1/Stevens Pass		
002	Decrease	RS	56.82	56.76	JB		
028	Increase	RS	0.00B	0.02B	NO		
028	Increase	RS	0.02B	0.16B	GR		
029	Increase	RS	0.16B	0.26B	NO		
028	Increase	RS	0.26B	0.33B	GR		
028	Increase	RS	0.33B	0.44B	Curb		
028	Increase	RS	0.44B	0.45B	NO		
028	Increase	RS	0.45B	0.50B	GR		
028	Increase	RS	0.50B	0.52B	NO		
028	Increase	RS	0.52B	0.60B	GR		
028	Increase	RS	0.60B	0.77B	NO		
028	Increase	RS	0.77B	0.82B	Curb		
028	Increase	RS	0.82B	0.85B	NO		
028	Increase	RS	0.85B	0.88B	GR		
028	Increase	RS	0.88B	1.63B	NO		

Table 1.1.2

NC Region Area 1, Routine Maintenance

028	Increase	RS	1.63B	1.75B	GR		
028	Increase	RS	1.75B	2.04B	NO		
028	Increase	RS	2.04B	2.19B	GR		
028	Increase	RS	2.19B	2.29B	NO		
028	Increase	RS	2.29B	0.52	City of E. Wenatchee		
028	Increase	RS	0.52	0.77	GR		
028	Increase	RS	0.77	0.79	NO		
028	Increase	RS	0.79	0.90	GR		
028	Increase	RS	0.90	1.18	NO		
028	Increase	RS	1.18	1.60	GR		
028	Increase	RS	1.60	1.85	JB		
028	Increase	RS	1.85	2.31	NO		
028	Increase	RS	2.31	2.65	GR		
028	Increase	RS	2.65	3.12	NO		
028	Increase	RS	3.12	3.29	GR		
028	Increase	RS	3.29	3.88	NO		
028	Increase	RS	3.88	4.01	GR		
028	Increase	RS	4.01	4.92	NO		
028	Increase	RS	4.92	5.44	GR		
028	Increase	RS	5.44	6.97	NO		
028	Increase	RS	6.97	7.14	GR		
028	Increase	RS	7.14	7.80	NO		
028	Increase	RS	7.80	9.05	City of Rock Island		
028	Increase	RS	9.05	9.17	GR		
028	Increase	RS	9.17	10.19	NO		
028	Increase	RS	10.19	10.20	GR		
028	Increase	RS	10.20	10.22	JB		
028	Increase	RS	10.22	10.24	GR		
028	Increase	RS	10.24	10.93	NO		
028	Increase	RS	10.93	11.50	GR		
028	Increase	RS	11.50	11.89	NO		
028	Increase	RS	11.89	12.35	GR		
028	Increase	RS	12.35	15.56	NO		
028	Increase	RS	15.56	15.80	GR		
028	Increase	RS	15.80	15.86	JB		
028	Increase	RS	15.86	15.96	GR		
028	Increase	RS	15.96	17.48	NO		
028	Increase	RS	17.48	17.97	GR		
028	Increase	RS	17.97	19.34	NO		
028	Increase	RS	19.34	19.49	GR		
028	Increase	RS	19.49	20.13	NO		
028	Increase	RS	20.13	20.27	GR		
028	Increase	RS	20.27	20.54	NO		
028	Increase	RS	20.54	20.67	GR		
028	Increase	RS	20.67	20.82	NO		
028	Increase	RS	20.82	21.02	GR		
028	Increase	RS	21.02	21.50	NO		
028	Increase	RS	21.50	21.67	GR		
028	Increase	RS	21.67	21.83	NO		
028	Increase	RS	21.83	21.88	GR		
028	Increase	RS	21.88	22.03	NO		
028	Decrease	RS	22.03	21.08	NO		
028	Decrease	RS	21.08	20.91	GR		
028	Decrease	RS	20.91	20.25	NO		
028	Decrease	RS	20.25	20.13	GR		
028	Decrease	RS	20.13	15.94	NO		
028	Decrease	RS	15.94	15.85	GR		
028	Decrease	RS	15.85	15.79	JB		
028	Decrease	RS	15.79	15.54	GR		
028	Decrease	RS	15.54	11.83	NO		
028	Decrease	RS	11.83	11.58	JB		
028	Decrease	RS	10.83	10.22	NO		
028	Decrease	RS	10.22	10.21	GR		
028	Decrease	RS	10.21	10.19	JB		
028	Decrease	RS	10.19	10.17	GR		
028	Decrease	RS	10.17	9.13	NO		
028	Decrease	RS	9.13	9.05	GR		
028	Decrease	RS	9.05	7.80	City of Rock Island		
028	Decrease	RS	7.80	7.65	GR		

Table 1.1.2

NC Region Area 1, Routine Maintenance

028	Decrease	RS	7.65	7.12	NO		
028	Decrease	RS	7.12	6.93	GR		
028	Decrease	RS	6.93	6.59	NO		
028	Decrease	RS	6.59	6.51	GR		
028	Decrease	RS	6.51	0.51	NO		
028	Decrease	RS	0.51	2.31B	City of E. Wenatchee		
028	Decrease	RS	2.31B	2.01B	Curb		
028	Decrease	RS	2.01B	1.98B	Wall Structure		
028	Decrease	RS	1.98B	1.26B	Curb		
028	Decrease	RS	1.26B	1.21B	NO		
028	Decrease	RS	1.21B	1.16B	Curb		
028	Decrease	RS	1.16B	.87B	NO		
028	Decrease	RS	.87B	.85B	GR		
028	Decrease	RS	.85B	.79B	NO		
028	Decrease	RS	.79B	.16B	Curb		
028	Decrease	RS	.16B	.15B	JB		
028	Decrease	RS	.15B	.09B	Curb		
028	Decrease	RS	.09B	0.0B	NO		
097	Increase	RS	149.69	149.73	GR		
097	Increase	RS	149.73	149.91	NO		
097	Increase	RS	149.91	150.01	GR		
097	Increase	RS	150.01	150.03	JB		
097	Increase	RS	150.03	150.04	GR		
097	Increase	RS	150.04	150.18	NO		
097	Increase	RS	150.18	150.22	GR		
097	Increase	RS	150.22	150.73	NO		
097	Increase	RS	150.73	150.81	GR		
097	Increase	RS	150.81	152.65	NO		
097	Increase	RS	151.56	161.64	GR		
097	Increase	RS	152.65	152.67	GR		
097	Increase	RS	152.67	152.71	BR		
097	Increase	RS	152.71	152.72	GR		
097	Increase	RS	152.72	152.78	NO		
097	Increase	RS	152.78	152.94	GR		
097	Increase	RS	152.94	153.25	No Zone 1/Blewett Pass		
097	Increase	RS	153.25	153.37	GR		
097	Increase	RS	153.37	153.62	No Zone 1/Blewett Pass		
097	Increase	RS	153.62	153.69	GR		
097	Increase	RS	153.69	154.19	No Zone 1/Blewett Pass		
097	Increase	RS	154.19	154.24	GR		
097	Increase	RS	154.24	154.92	No Zone 1/Blewett Pass		
097	Increase	RS	154.92	155.09	GR		
097	Increase	RS	155.09	155.19	No Zone 1/Blewett Pass		
097	Increase	RS	155.19	155.26	GR		
097	Increase	RS	155.26	156.27	No Zone 1/Blewett Pass		
097	Increase	RS	156.27	156.39	GR		
097	Increase	RS	156.39	156.45	No Zone 1/Blewett Pass		
097	Increase	RS	156.45	156.51	GR		
097	Increase	RS	156.51	156.54	No Zone 1/Blewett Pass		
097	Increase	RS	156.54	156.59	GR		
097	Increase	RS	156.59	157.16	No Zone 1/Blewett Pass		
097	Increase	RS	157.16	157.21	GR		
097	Increase	RS	157.21	157.22	No Zone 1/Blewett Pass		
097	Increase	RS	157.22	157.36	GR		
097	Increase	RS	157.36	158.14	No Zone 1/Blewett Pass		
097	Increase	RS	158.14	158.42	GR		
097	Increase	RS	158.42	159.19	No Zone 1/Blewett Pass		
097	Increase	RS	159.19	159.26	GR		
097	Increase	RS	159.26	159.55	No Zone 1/Blewett Pass		
097	Increase	RS	159.55	159.71	GR		
097	Increase	RS	159.71	159.93	No Zone 1/Blewett Pass		
097	Increase	RS	159.93	160.16	GR		
097	Increase	RS	160.16	160.25	No Zone 1/Blewett Pass		
097	Increase	RS	160.25	160.47	GR		
097	Increase	RS	160.47	160.64	No Zone 1/Blewett Pass		
097	Increase	RS	160.64	160.81	GR		
097	Increase	RS	160.81	161.01	No Zone 1/Blewett Pass		
097	Increase	RS	161.01	161.19	GR		
097	Increase	RS	161.19	161.34	No Zone 1/Blewett Pass		

Table 1.1.2

NC Region Area 1, Routine Maintenance

097	Increase	RS	161.37	161.54	GR		
097	Increase	RS	161.54	161.56	No Zone 1/Blewett Pass		
097	Increase	RS	161.56	161.64	GR		
097	Increase	RS	161.64	161.83	No Zone 1/Blewett Pass		
097	Increase	RS	161.83	162.22	GR		
097	Increase	RS	162.22	162.35	No Zone 1/Blewett Pass		
097	Increase	RS	162.35	162.51	GR		
097	Increase	RS	162.51	162.58	No Zone 1/Blewett Pass		
097	Increase	RS	162.58	162.72	GR		
097	Increase	RS	162.72	162.75	No Zone 1/Blewett Pass		
097	Increase	RS	162.75	163.04	GR		
097	Increase	RS	163.04	163.07	No Zone 1/Blewett Pass		
097	Increase	RS	163.07	163.89	GR		
097	Increase	RS	163.89	164.18	No Zone 1/Blewett Pass		
097	Increase	RS	164.18	164.26	GR		
097	Increase	RS	164.26	164.39	No Zone 1/Blewett Pass		
097	Increase	RS	164.39	164.51	GR		
097	Increase	RS	164.51	164.61	No Zone 1/Blewett Pass		
097	Increase	RS	164.61	164.74	GR		
097	Increase	RS	164.74	165.69	No Zone 1/Blewett Pass		
097	Increase	RS	165.69	165.78	GR		
097	Increase	RS	165.78	165.88	No Zone 1/Blewett Pass		
097	Increase	RS	165.88	165.95	GR		
097	Increase	RS	165.95	165.98	No Zone 1/Blewett Pass		
097	Increase	RS	165.98	166.10	GR		
097	Increase	RS	166.10	166.11	No Zone 1/Blewett Pass		
097	Increase	RS	166.12	166.24	GR		
097	Increase	RS	166.24	167.13	No Zone 1/Blewett Pass		
097	Increase	RS	167.13	167.15	GR		
097	Increase	RS	167.15	172.15	No Zone 1/Blewett Pass		
097	Increase	RS	172.15	172.33	GR		
097	Increase	RS	172.33	172.86	No Zone 1/Blewett Pass		
097	Increase	RS	172.86	172.89	GR		
097	Increase	RS	172.89	173.07	No Zone 1/Blewett Pass		
097	Increase	RS	173.07	173.11	GR		
097	Increase	RS	173.11	173.36	No Zone 1/Blewett Pass		
097	Increase	RS	173.36	173.52	GR		
097	Increase	RS	173.52	173.74	No Zone 1/Blewett Pass		
097	Increase	RS	173.74	174.01	GR		
097	Increase	RS	174.01	174.03	No Zone 1/Blewett Pass		
097	Increase	RS	174.03	174.05	GR		
097	Increase	RS	174.05	174.13	No Zone 1/Blewett Pass		
097	Increase	RS	174.13	174.15	GR		
097	Increase	RS	174.15	174.36	No Zone 1/Blewett Pass		
097	Increase	RS	174.36	174.51	GR		
097	Increase	RS	174.51	174.56	No Zone 1/Blewett Pass		
097	Increase	RS	174.56	174.59	GR		
097	Increase	RS	174.59	174.62	No Zone 1/Blewett Pass		
097	Increase	RS	174.62	174.71	GR		
097	Increase	RS	174.71	176.12	No Zone 1/Blewett Pass		
097	Increase	RS	176.12	176.19	GR		
097	Increase	RS	176.19	176.20	No Zone 1/Blewett Pass		
097	Increase	RS	176.20	176.22	GR		
097	Increase	RS	176.22	176.33	No Zone 1/Blewett Pass		
097	Increase	RS	176.33	176.36	GR		
097	Increase	RS	176.36	176.44	No Zone 1/Blewett Pass		
097	Increase	RS	176.44	176.47	GR		
097	Increase	RS	176.47	177.89	No Zone 1/Blewett Pass		
097	Increase	RS	177.89	178.04	GR		
097	Increase	RS	178.04	179.44	NO		
097	Increase	RS	179.44	179.58	GR		
097	Increase	RS	179.58	179.77	NO		
097	Increase	RS	179.77	179.78	GR		
097	Increase	RS	179.78	180.83	NO		
097	Increase	RS	180.83	180.96	GR		
097	Increase	RS	180.96	180.97	JB		
097	Increase	RS	180.97	181.00	GR		
097	Increase	RS	181.00	181.41	NO		
097	Increase	RS	181.41	181.45	GR		
097	Increase	RS	181.45	181.64	NO		

Table 1.1.2

NC Region Area 1, Routine Maintenance

097	Increase	RS	181.64	181.69	GR		
097	Increase	RS	181.69	181.82	NO		
097	Increase	RS	181.82	181.88	GR		
097	Increase	RS	181.88	183.69	NO		
097	Increase	RS	183.69	183.73	GR		
097	Increase	RS	183.73	183.97	NO		
097	Increase	RS	183.97	184.05	GR		
097	Increase	RS	184.05	184.55	NO		
097	Increase	RS	184.55	185.02	GR		
097	Increase	RS	185.02	213.00	Not Avail		
097	Increase	RS	213.00	213.34	NO		
097	Increase	RS	213.34	213.43	GR		
097	Increase	RS	213.43	213.46	JB		
097	Increase	RS	213.46	213.55	GR		
097	Increase	RS	213.55	215.68	NO		
097	Increase	RS	215.68	215.81	GR		
097	Increase	RS	215.81	216.04	NO		
097	Increase	RS	216.04	216.14	GR		
097	Increase	RS	216.14	216.15	NO		
097	Increase	RS	216.15	216.22	GR		
097	Increase	RS	216.22	216.58	NO		
097	Increase	RS	216.58	216.71	GR		
097	Increase	RS	216.71	216.81	NO		
097	Increase	RS	216.81	217.02	GR		
097	Increase	RS	217.02	217.22	NO		
097	Increase	RS	217.22	217.23	GR		
097	Increase	RS	217.23	217.24	JB		
097	Increase	RS	217.24	217.25	GR		
097	Increase	RS	217.25	217.74	NO		
097	Increase	RS	217.74	217.82	GR		
097	Increase	RS	217.82	218.30	NO		
097	Increase	RS	218.30	218.44	GR		
097	Increase	RS	218.44	218.56	NO		
097	Increase	RS	218.56	218.73	GR		
097	Increase	RS	218.73	219.18	NO		
097	Increase	RS	219.18	219.19	GR		
097	Increase	RS	219.19	219.21	JB		
097	Increase	RS	219.21	219.22	GR		
097	Increase	RS	219.22	220.52	NO		
097	Increase	RS	220.52	220.61	GR		
097	Increase	RS	220.61	222.82	NO		
097	Increase	RS	222.82	222.84	GR		
097	Increase	RS	222.84	226.28	NO		
097	Increase	RS	226.28	226.40	GR		
097	Increase	RS	226.40	226.42	NO		
097	Increase	RS	226.42	226.74	GR		
097	Increase	RS	226.74	227.68	NO		
097	Increase	RS	227.68	227.82	GR		
097	Increase	RS	227.82	228.36	NO		
097	Increase	RS	228.36	228.40	GR		
097	Increase	RS	228.40	228.61	NO		
097	Increase	RS	228.61	228.68	GR		
097	Increase	RS	228.68	231.78	NO		
097	Increase	RS	231.78	231.85	GR		
097	Increase	RS	231.85	231.86	NO		
097	Increase	RS	231.86	231.90	GR		
097	Increase	RS	231.90	232.18	NO		
097	Increase	RS	232.18	232.22	GR		
097	Increase	RS	232.22	232.96	NO		
097	Increase	RS	232.96	233.00	GR		
097	Increase	RS	233.00	234.74	NO		
097	Increase	RS	234.74	234.76	GR		
097	Increase	RS	234.76	235.01	BR		
097	Increase	RS	235.01	235.16	GR		
097	Increase	RS	235.16	235.17	NO		
097	Increase	RS	235.17	235.22	GR		
097	Increase	RS	235.22	235.63	NO		
097	Increase	RS	235.63	235.80	GR		
097	Increase	RS	235.80	235.84	NO		
097	Increase	RS	235.84	235.95	GR		

Table 1.1.2

NC Region Area 1, Routine Maintenance

097	Increase	RS	235.95	236.06	NO		
097	Increase	RS	236.06	237.04	GR		
097	Increase	RS	237.04	237.19	NO		
097	Increase	RS	237.19	237.56	GR		
097	Increase	RS	237.56	237.59	NO		
097	Increase	RS	237.59	237.83	GR		
097	Increase	RS	237.83	238.10	NO		
097	Increase	RS	238.10	238.58	GR		
097	Increase	RS	238.58	238.64	BR		
097	Increase	RS	238.64	238.66	GR		
097	Increase	RS	238.66	238.90	NO		
097	Increase	RS	238.90	238.98	GR		
097	Increase	RS	238.98	239.40	NO		
097	Increase	RS	239.40	239.57	GR		
097	Increase	RS	239.57	239.66	NO		
097	Increase	RS	239.66	239.68	GR		
097	Increase	RS	239.68	239.76	NO		
097	Increase	RS	239.76	240.08	GR		
097	Increase	RS	240.08	240.15	NO		
097	Increase	RS	240.15	240.50	GR		
097	Increase	RS	240.50	240.51	NO		
097	Increase	RS	240.51	240.66	GR		
097	Increase	RS	240.66	240.74	Curb		
097	Increase	RS	240.74	240.86	GR		
097	Increase	RS	240.86	242.61	NO		
097	Increase	RS	242.61	243.05	GR		
097	Increase	RS	243.05	243.11	NO		
097	Increase	RS	243.11	243.14	GR		
097	Increase	RS	243.14	243.15	NO		
097	Increase	RS	243.15	243.35	GR		
097	Increase	RS	243.35	243.43	NO		
097	Increase	RS	243.43	243.48	GR		
097	Increase	RS	243.48	243.79	NO		
097	Increase	RS	243.79	243.89	GR		
097	Increase	RS	243.89	244.02	NO		
097	Increase	RS	244.02	244.78	GR		
097	Increase	RS	244.78	244.79	NO		
097	Increase	RS	244.79	244.87	GR		
097	Increase	RS	244.87	244.91	NO		
097	Increase	RS	244.91	244.97	GR		
097	Increase	RS	244.97	245.00	NO		
097	Increase	RS	245.00	245.12	GR		
097	Increase	RS	245.12	245.15	NO		
097	Increase	RS	245.15	245.37	GR		
097	Increase	RS	245.37	245.46	NO		
097	Increase	RS	245.46	245.66	GR		
097	Increase	RS	245.66	245.78	NO		
097	Increase	RS	245.78	245.84	GR		
097	Increase	RS	245.84	246.06	NO		
097	Increase	RS	246.06	246.13	GR		
097	Increase	RS	246.13	246.40	NO		
097	Increase	RS	246.40	246.53	GR		
097	Increase	RS	246.53	246.54	NO		
097	Increase	RS	246.54	246.90	GR		
097	Increase	RS	246.90	246.96	NO		
097	Increase	RS	246.96	246.97	GR		
097	Decrease	RS	246.97	246.96	NO		
097	Decrease	RS	246.96	246.59	GR		
097	Decrease	RS	246.59	240.88	NO		
097	Decrease	RS	240.88	240.78	Curb		
097	Decrease	RS	240.78	240.64	NO		
097	Decrease	RS	240.64	240.25	Curb		
097	Decrease	RS	240.25	238.98	NO		
097	Decrease	RS	238.98	238.92	GR		
097	Decrease	RS	238.92	238.65	NO		
097	Decrease	RS	238.65	238.63	GR		
097	Decrease	RS	238.63	238.58	BR		
097	Decrease	RS	238.58	238.00	GR		
097	Decrease	RS	238.00	237.97	NO		

Table 1.1.2

NC Region Area 1, Routine Maintenance

097	Decrease	RS	237.97	237.81	GR		
097	Decrease	RS	237.81	235.23	NO		
097	Decrease	RS	235.23	235.11	GR		
097	Decrease	RS	235.11	235.05	NO		
097	Decrease	RS	235.05	235.00	GR		
097	Decrease	RS	235.00	234.77	BR		
097	Decrease	RS	234.77	234.72	GR		
097	Decrease	RS	234.72	234.30	NO		
097	Decrease	RS	234.30	234.00	GR		
097	Decrease	RS	234.00	233.78	NO		
097	Decrease	RS	233.78	233.69	GR		
097	Decrease	RS	233.69	233.64	NO		
097	Decrease	RS	233.64	233.15	GR		
097	Decrease	RS	233.15	232.99	NO		
097	Decrease	RS	232.99	232.88	GR		
097	Decrease	RS	232.88	232.87	NO		
097	Decrease	RS	232.87	232.50	GR		
097	Decrease	RS	232.50	232.33	NO		
097	Decrease	RS	232.33	232.13	GR		
097	Decrease	RS	232.13	231.94	NO		
097	Decrease	RS	231.94	231.78	GR		
097	Decrease	RS	231.78	231.35	NO		
097	Decrease	RS	231.35	231.14	GR		
097	Decrease	RS	231.14	228.74	NO		
097	Decrease	RS	228.74	228.58	GR		
097	Decrease	RS	228.58	228.47	NO		
097	Decrease	RS	228.47	228.37	GR		
097	Decrease	RS	228.37	227.85	NO		
097	Decrease	RS	227.85	226.94	GR		
097	Decrease	RS	226.94	226.81	NO		
097	Decrease	RS	226.81	226.43	GR		
097	Decrease	RS	226.43	226.39	NO		
097	Decrease	RS	226.39	226.30	GR		
097	Decrease	RS	226.30	226.29	NO		
097	Decrease	RS	226.29	226.23	GR		
097	Decrease	RS	226.23	224.66	NO		
097	Decrease	RS	224.66	224.53	GR		
097	Decrease	RS	224.53	224.45	NO		
097	Decrease	RS	224.45	224.19	GR		
097	Decrease	RS	224.19	222.85	NO		
097	Decrease	RS	222.85	222.80	GR		
097	Decrease	RS	222.80	220.81	NO		
097	Decrease	RS	220.81	220.76	GR		
097	Decrease	RS	220.76	220.62	NO		
097	Decrease	RS	220.62	220.49	GR		
097	Decrease	RS	220.49	220.24	NO		
097	Decrease	RS	220.24	220.18	GR		
097	Decrease	RS	220.18	220.03	NO		
097	Decrease	RS	220.03	220.00	GR		
097	Decrease	RS	220.00	219.79	NO		
097	Decrease	RS	219.79	219.71	GR		
097	Decrease	RS	219.71	219.44	NO		
097	Decrease	RS	219.44	219.21	GR		
097	Decrease	RS	219.21	219.19	BR		
097	Decrease	RS	219.19	219.18	GR		
097	Decrease	RS	219.18	219.13	NO		
097	Decrease	RS	219.13	219.08	GR		
097	Decrease	RS	219.08	218.86	NO		
097	Decrease	RS	218.86	218.28	GR		
097	Decrease	RS	218.28	218.16	NO		
097	Decrease	RS	218.16	218.13	GR		
097	Decrease	RS	218.13	218.12	NO		
097	Decrease	RS	218.12	217.70	GR		
097	Decrease	RS	217.70	217.50	NO		
097	Decrease	RS	217.50	217.26	GR		
097	Decrease	RS	217.26	217.25	NO		
097	Decrease	RS	217.25	217.24	GR		
097	Decrease	RS	217.24	217.23	BR		
097	Decrease	RS	217.23	217.14	GR		
097	Decrease	RS	217.14	217.09	NO		

Table 1.1.2

NC Region Area 1, Routine Maintenance

097	Decrease	RS	217.09	216.81	GR	
097	Decrease	RS	216.81	216.75	NO	
097	Decrease	RS	216.75	216.32	GR	
097	Decrease	RS	216.32	216.26	NO	
097	Decrease	RS	216.26	215.64	GR	
097	Decrease	RS	215.64	215.25	NO	
097	Decrease	RS	215.25	215.14	GR	
097	Decrease	RS	215.14	214.65	NO	
097	Decrease	RS	214.65	214.57	GR	
097	Decrease	RS	214.57	214.51	NO	
097	Decrease	RS	214.51	214.42	GR	
097	Decrease	RS	214.42	214.35	NO	
097	Decrease	RS	214.35	214.22	GR	
097	Decrease	RS	214.22	214.20	NO	
097	Decrease	RS	214.20	214.13	GR	
097	Decrease	RS	214.13	213.52	NO	
097	Decrease	RS	213.52	213.47	GR	
097	Decrease	RS	213.47	213.44	BR	
097	Decrease	RS	213.44	213.32	GR	
097	Decrease	RS	213.32	213.00	NO	
097	Decrease	RS	213.00	185.00	Not Avail	
097	Decrease	RS	185.00	183.26	NO	
097	Decrease	RS	183.26	183.14	Neighbor maintained/General permit	
097	Decrease	RS	183.14	181.46	NO	
097	Decrease	RS	181.46	181.45	GR	
097	Decrease	RS	181.45	181.01	NO	
097	Decrease	RS	181.01	180.99	GR	
097	Decrease	RS	180.99	180.98	BR	
097	Decrease	RS	180.98	180.84	GR	
097	Decrease	RS	180.84	180.16	NO	
097	Decrease	RS	180.16	179.95	GR	
097	Decrease	RS	179.95	179.82B	NO	
097	Decrease	RS	179.82B	179.79	GR	
097	Decrease	RS	179.79	179.61	NO	
097	Decrease	RS	179.61	179.48	GR	
097	Decrease	RS	179.48	179.11	NO	
097	Decrease	RS	179.11	178.84	GR	
097	Decrease	RS	178.84	178.77	NO	
097	Decrease	RS	178.77	178.68	GR	
097	Decrease	RS	178.68	178.61	NO	
097	Decrease	RS	178.61	178.57	GR	
097	Decrease	RS	178.57	178.43	NO	
097	Decrease	RS	178.43	178.32	GR	
097	Decrease	RS	178.32	178.08	NO	
097	Decrease	RS	178.08	178.03	GR	
097	Decrease	RS	178.03	177.99	NO	
097	Decrease	RS	177.99	177.71	GR	
097	Decrease	RS	177.71	177.57	NO	
097	Decrease	RS	177.57	177.46	GR	
097	Decrease	RS	177.46	177.40	NO	
097	Decrease	RS	177.40	177.23	GR	
097	Decrease	RS	177.23	177.13	NO	
097	Decrease	RS	177.13	177.02	GR	
097	Decrease	RS	177.02	176.94	No Zone 1/Blewett Pass	SP
097	Decrease	RS	176.94	176.48	GR	
097	Decrease	RS	176.48	176.37	No Zone 1/Blewett Pass	SP
097	Decrease	RS	176.37	176.32	JB	
097	Decrease	RS	176.32	176.26	No Zone 1/Blewett Pass	SP
097	Decrease	RS	176.26	176.25	GR	
097	Decrease	RS	176.25	176.16	No Zone 1/Blewett Pass	SP
097	Decrease	RS	176.16	175.97	JB	
097	Decrease	RS	175.97	175.88	No Zone 1/Blewett Pass	SP
097	Decrease	RS	175.88	175.55	GR	
097	Decrease	RS	175.55	175.49	No Zone 1/Blewett Pass	SP
097	Decrease	RS	175.49	175.41	GR	
097	Decrease	RS	175.41	175.38	No Zone 1/Blewett Pass	SP
097	Decrease	RS	175.38	175.17	GR	
097	Decrease	RS	175.17	175.04	No Zone 1/Blewett Pass	SP
097	Decrease	RS	175.04	174.68	GR	
097	Decrease	RS	174.68	174.58	No Zone 1/Blewett Pass	SP

Table 1.1.2

NC Region Area 1, Routine Maintenance

097	Decrease	RS	174.58	174.56	GR		
097	Decrease	RS	174.56	174.55	No Zone 1/Blewett Pass		SP
097	Decrease	RS	174.55	174.21	GR		
097	Decrease	RS	174.21	174.18	No Zone 1/Blewett Pass		SP
097	Decrease	RS	174.18	174.13	GR		
097	Decrease	RS	174.13	174.03	No Zone 1/Blewett Pass		SP
097	Decrease	RS	174.03	173.51	GR		
097	Decrease	RS	173.51	173.40	No Zone 1/Blewett Pass		SP
097	Decrease	RS	173.40	173.07	GR		
097	Decrease	RS	173.07	173.01	No Zone 1/Blewett Pass		SP
097	Decrease	RS	173.01	172.70	GR		
097	Decrease	RS	172.70	172.69	No Zone 1/Blewett Pass		SP
097	Decrease	RS	172.69	172.59	GR		
097	Decrease	RS	172.59	172.37	No Zone 1/Blewett Pass		SP
097	Decrease	RS	172.37	172.16	GR		
097	Decrease	RS	172.16	172.05	No Zone 1/Blewett Pass		SP
097	Decrease	RS	172.05	171.98	GR		
097	Decrease	RS	171.98	169.70	No Zone 1/Blewett Pass		SP
097	Decrease	RS	169.70	169.66	GR		
097	Decrease	RS	169.66	169.51	No Zone 1/Blewett Pass		SP
097	Decrease	RS	169.51	169.47	GR		
097	Decrease	RS	169.47	169.42	No Zone 1/Blewett Pass		SP
097	Decrease	RS	169.42	169.39	GR		
097	Decrease	RS	169.39	169.14	No Zone 1/Blewett Pass		SP
097	Decrease	RS	169.14	169.05	GR		
097	Decrease	RS	169.05	169.04	No Zone 1/Blewett Pass		SP
097	Decrease	RS	169.04	168.87	GR		
097	Decrease	RS	168.87	168.77	No Zone 1/Blewett Pass		SP
097	Decrease	RS	168.77	168.68	GR		
097	Decrease	RS	168.68	168.56	No Zone 1/Blewett Pass		SP
097	Decrease	RS	168.56	168.42	GR		
097	Decrease	RS	168.42	168.26	No Zone 1/Blewett Pass		SP
097	Decrease	RS	168.26	168.22	GR		
097	Decrease	RS	168.22	168.12	No Zone 1/Blewett Pass		SP
097	Decrease	RS	168.12	167.89	GR		
097	Decrease	RS	167.89	167.39	No Zone 1/Blewett Pass		SP
097	Decrease	RS	167.39	167.34	GR		
097	Decrease	RS	167.34	167.12	No Zone 1/Blewett Pass		SP
097	Decrease	RS	167.12	166.71	GR		
097	Decrease	RS	166.71	166.53	No Zone 1/Blewett Pass		SP
097	Decrease	RS	166.53	166.27	GR		
097	Decrease	RS	166.27	165.75	No Zone 1/Blewett Pass		SP
097	Decrease	RS	165.75	165.63	GR		
097	Decrease	RS	165.63	165.56	No Zone 1/Blewett Pass		SP
097	Decrease	RS	165.56	165.42	GR		
097	Decrease	RS	165.42	165.13	No Zone 1/Blewett Pass		SP
097	Decrease	RS	165.13	165.00	GR		
097	Decrease	RS	165.00	164.76	No Zone 1/Blewett Pass		SP
097	Decrease	RS	164.76	164.60	GR		
097	Decrease	RS	164.60	164.52	No Zone 1/Blewett Pass		SP
097	Decrease	RS	164.52	164.42	GR		
097	Decrease	RS	164.42	164.25	No Zone 1/Blewett Pass		SP
097	Decrease	RS	164.25	164.09	GR		
097	Decrease	RS	164.09	160.82	No Zone 1/Blewett Pass		SP
097	Decrease	RS	160.82	160.63	GR		
097	Decrease	RS	160.63	159.72	No Zone 1/Blewett Pass		SP
097	Decrease	RS	159.72	159.54	GR		
097	Decrease	RS	159.54	159.39	No Zone 1/Blewett Pass		SP
097	Decrease	RS	159.39	159.23	GR		
097	Decrease	RS	159.23	158.35	No Zone 1/Blewett Pass		SP
097	Decrease	RS	158.35	158.29	GR		
097	Decrease	RS	158.29	156.39	No Zone 1/Blewett Pass		SP
097	Decrease	RS	156.56	156.43	GR		
097	Decrease	RS	156.43	156.39	No Zone 1/Blewett Pass		SP
097	Decrease	RS	156.39	156.34	GR		
097	Decrease	RS	156.34	156.33	No Zone 1/Blewett Pass		SP
097	Decrease	RS	156.33	156.20	GR		
097	Decrease	RS	156.20	156.00	No Zone 1/Blewett Pass		SP
097	Decrease	RS	156.00	155.95	GR		
097	Decrease	RS	155.95	155.91	No Zone 1/Blewett Pass		SP

Table 1.1.2

NC Region Area 1, Routine Maintenance

097	Decrease	RS	155.91	155.85	GR		
097	Decrease	RS	155.85	155.54	No Zone 1/Blewett Pass		SP
097	Decrease	RS	155.54	155.46	GR		
097	Decrease	RS	155.46	155.27	No Zone 1/Blewett Pass		SP
097	Decrease	RS	155.27	155.23	GR		
097	Decrease	RS	155.23	154.23	No Zone 1/Blewett Pass		SP
097	Decrease	RS	154.23	154.18	GR		
097	Decrease	RS	154.18	153.80	No Zone 1/Blewett Pass		SP
097	Decrease	RS	153.80	153.65	GR		
097	Decrease	RS	153.65	152.69	No Zone 1/Blewett Pass		SP
097	Decrease	RS	152.69	152.68	GR		
097	Decrease	RS	152.68	152.66	BR		
097	Decrease	RS	152.66	152.64	GR		
097	Decrease	RS	152.64	152.58	NO		
097	Decrease	RS	152.58	152.48	GR		
097	Decrease	RS	152.48	151.85	NO		
097	Decrease	RS	151.85	151.81	GR		
097	Decrease	RS	151.81	151.76	NO		
097	Decrease	RS	151.76	151.57	GR		
097	Decrease	RS	151.57	151.13	NO		
097	Decrease	RS	151.13	151.01	GR		
097	Decrease	RS	151.01	151.00	NO		
097	Decrease	RS	151.00	150.80	GR		
097	Decrease	RS	150.80	150.20	NO		
097	Decrease	RS	150.20	150.17	GR		
097	Decrease	RS	150.17	150.05	NO		
097	Decrease	RS	150.05	150.04	GR		
097	Decrease	RS	150.04	150.01	BR		
097	Decrease	RS	150.01	150.00	GR		
097	Decrease	RS	150.00	149.69	NO		
097AR	Increase	RS	199.83	200.48	NO		
097AR	Increase	RS	200.48	200.60	GR		
097AR	Increase	RS	200.60	201.03	NO		
097AR	Increase	RS	201.03	201.04	GR		
097AR	Increase	RS	201.04	203.73	NO		
097AR	Increase	RS	203.73	203.75	GR		
097AR	Increase	RS	203.75	203.78	NO		
097AR	Increase	RS	203.78	204.11	GR		
097AR	Increase	RS	204.11	205.10	NO		
097AR	Increase	RS	205.10	205.41	GR		
097AR	Increase	RS	205.41	205.56	NO		
097AR	Increase	RS	205.56	205.79	GR		
097AR	Increase	RS	205.79	205.86	NO		
097AR	Increase	RS	205.86	205.92	GR		
097AR	Increase	RS	205.92	205.97	NO		
097AR	Increase	RS	205.97	206.05	GR		
097AR	Increase	RS	206.05	206.06	NO		
097AR	Increase	RS	206.06	206.16	GR		
097AR	Increase	RS	206.16	206.44	NO		
097AR	Increase	RS	206.44	206.54	GR		
097AR	Increase	RS	206.54	207.40	NO		
097AR	Increase	RS	207.40	207.58	GR		
097AR	Increase	RS	207.58	208.70	NO		
097AR	Increase	RS	208.70	208.98	GR		
097AR	Increase	RS	208.98	211.31	NO		
097AR	Increase	RS	211.31	211.55	GR		
097AR	Increase	RS	211.55	214.14	NO		
097AR	Increase	RS	214.14	214.23	BR		
097AR	Increase	RS	214.23	217.14	City of Entiat		
097AR	Increase	RS	217.14	217.83	NO		
097AR	Increase	RS	217.83	217.86	GR		
097AR	Increase	RS	217.86	220.48	NO		
097AR	Increase	RS	220.48	220.72	GR		
097AR	Increase	RS	220.72	220.73	NO		
097AR	Increase	RS	220.73	220.79	GR		
097AR	Increase	RS	220.79	221.22	NO		
097AR	Increase	RS	221.22	221.53	GR		
097AR	Increase	RS	221.53	222.22	NO		
097AR	Increase	RS	222.22	222.83	GR		

Table 1.1.2

NC Region Area 1, Routine Maintenance

097AR	Increase	RS	222.83	223.80	NO		
097AR	Increase	RS	223.80	224.10	GR		
097AR	Increase	RS	224.10	224.22	NO		
097AR	Increase	RS	224.22	224.71	GR		
097AR	Increase	RS	224.71	224.86	TUNNEL		
097AR	Increase	RS	224.86	224.87	JB		
097AR	Increase	RS	224.87	225.11	GR		
097AR	Increase	RS	225.11	228.56	NO		
097AR	Increase	RS	228.56	229.24	GR		
097AR	Increase	RS	229.24	229.60	NO		
097AR	Increase	RS	229.60	229.77	GR		
097AR	Increase	RS	229.77	231.85	NO		
097AR	Increase	RS	231.85	235.58	City of Chelan		
097AR	Increase	RS	235.58	237.06	NO		
097AR	Increase	RS	237.06	237.29	GR		
097AR	Increase	RS	237.29	237.70	NO		
097AR	Increase	RS	237.70	237.79	GR		
097AR	Increase	RS	237.79	238.32	NO		
097AR	Increase	RS	238.32	238.54	GR		
097AR	Increase	RS	238.54	238.67	NO		
097AR	Increase	RS	238.67	239.39	GR		
097AR	Increase	RS	239.39	239.64	NO		
097AR	Decrease	RS	239.64	239.06	NO		
097AR	Decrease	RS	239.06	238.96	GR		
097AR	Decrease	RS	238.96	238.95	NO		
097AR	Decrease	RS	238.95	238.83	GR		
097AR	Decrease	RS	238.83	239.37	NO		
097AR	Decrease	RS	238.37	238.28	GR		
097AR	Decrease	RS	238.28	235.58	NO		
097AR	Decrease	RS	235.58	231.85	City of Chelan		
097AR	Decrease	RS	231.85	231.29	GR		
097AR	Decrease	RS	231.29	231.27	NO		
097AR	Decrease	RS	231.27	231.17	GR		
097AR	Decrease	RS	231.17	230.47	NO		
097AR	Decrease	RS	230.47	230.41	GR		
097AR	Decrease	RS	230.41	230.40	NO		
097AR	Decrease	RS	230.40	230.14	GR		
097AR	Decrease	RS	230.14	230.05	NO		
097AR	Decrease	RS	230.05	229.87	GR		
097AR	Decrease	RS	229.87	229.80	NO		
097AR	Decrease	RS	229.80	229.66	GR		
097AR	Decrease	RS	229.66	224.87	NO		
097AR	Decrease	RS	224.87	224.70	TUNNEL		
097AR	Decrease	RS	224.70	224.67	JB		
097AR	Decrease	RS	224.67	222.50	NO		
097AR	Decrease	RS	222.50	222.14	Neighbor maintained/General Permit		
097AR	Decrease	RS	222.14	219.50	NO		
097AR	Decrease	RS	219.50	218.98	Neighbor maintained/General Permit		
097AR	Decrease	RS	218.98	218.72	NO		
097AR	Decrease	RS	218.72	218.38	JB		
097AR	Decrease	RS	218.38	217.14	NO		
097AR	Decrease	RS	217.14	214.28	City of Entiat		
097AR	Decrease	RS	214.28	214.20	GR		
097AR	Decrease	RS	214.20	214.12	JB		
097AR	Decrease	RS	214.12	214.10	GR		
097AR	Decrease	RS	214.10	211.72	NO		
097AR	Decrease	RS	211.72	211.67	GR		
097AR	Decrease	RS	211.67	211.26	NO		
097AR	Decrease	RS	211.26	211.16	GR		
097AR	Decrease	RS	211.16	208.13	NO		
097AR	Decrease	RS	208.13	207.94	GR		
097AR	Decrease	RS	207.94	206.15	NO		
097AR	Decrease	RS	206.15	206.01	GR		
097AR	Decrease	RS	206.01	205.17	NO		
097AR	Decrease	RS	205.17	205.06	GR		
097AR	Decrease	RS	205.06	203.98	NO		
097AR	Decrease	RS	203.98	203.95	GR		
097AR	Decrease	RS	203.95	202.90	NO		
097AR	Decrease	RS	202.90	202.67	GR		

Table 1.1.2

NC Region Area 1, Routine Maintenance

097AR	Decrease	RS	202.67	202.53	NO		
097AR	Decrease	RS	202.53	202.45	GR		
097AR	Decrease	RS	202.45	200.51	NO		
097AR	Decrease	RS	200.51	200.49	GR		
097AR	Decrease	RS	200.49	199.83	NO		
150	Increase	RS	0.30	3.21	NO		
150	Increase	RS	3.21	3.34	GR		
150	Increase	RS	3.34	3.35	NO		
150	Increase	RS	3.35	3.52	GR		
150	Increase	RS	3.52	3.56	WALL		
150	Increase	RS	3.56	3.72	GR		
150	Increase	RS	3.72	4.83	NO		
150	Increase	RS	4.83	4.93	GR		
150	Increase	RS	4.93	8.25	City of Chelan		
150	Increase	RS	8.25	9.08	Not Avail.		
150	Increase	RS	9.08	12.06	City of Chelan		
150	Decrease	RS	12.06	9.08	City of Chelan		
150	Decrease	RS	9.08	8.25	Not Avail.		
150	Decrease	RS	8.25	4.94	City of Chelan		
150	Decrease	RS	4.94	3.67	Curb		
150	Decrease	RS	3.67	2.90	NO		
150	Decrease	RS	2.90	2.82	Neighbor maintained/General permit		
150	Decrease	RS	2.82	2.80	WALL		
150	Decrease	RS	2.80	2.74	Curb		
150	Decrease	RS	2.74	2.71	NO		
150	Decrease	RS	2.71	2.68	Curb		
150	Decrease	RS	2.68	2.00	NO		
150	Decrease	RS	2.00	1.81	Curb		
150	Decrease	RS	1.81	1.05	NO		
150	Decrease	RS	1.05	0.86	Curb		
150	Decrease	RS	0.86	0.30	NO		
207	Increase	RS	0.00	4.21	NO		
207	Increase	RS	4.21	4.22	GR		
207	Increase	RS	4.22	4.26	BR		
207	Increase	RS	4.26	4.38	NO		
207	Decrease	RS	4.26	4.22	BR		
207	Decrease	RS	4.22	0.00	NO		
285	Increase	RS	0.15	0.17	GR		
285	Increase	RS	0.17	0.39	BR		
285	Increase	RS	0.39	4.35	City of Wenatchee		
285	Increase	RS	4.35	4.36	GR		
285	Increase	RS	4.36	4.48	BR		
285	Increase	RS	4.48	4.63	GR		
285	Increase	RS	4.63	4.75	NO		
285	Increase	RS	4.75	4.89	GR		
285	Increase	RS	4.89	4.92	BR		
285	Increase	RS	4.92	5.01	GR		
285	Increase	RS	5.01	5.03	NO		
285	Increase	RS	5.03	5.04	GR		
285	Decrease	RS	5.04	4.93	NO		
285	Decrease	RS	4.93	4.92	GR		
285	Decrease	RS	4.92	4.89	BR		
285	Decrease	RS	4.89	4.88	GR		
285	Decrease	RS	4.88	4.78	NO		
285	Decrease	RS	4.78	4.59	JB		
285	Decrease	RS	4.59	4.52	NO		
285	Decrease	RS	4.52	4.48	GR		
285	Decrease	RS	4.48	4.36	BR		
285	Decrease	RS	4.36	0.38	City of Wenatchee		
285	Decrease	RS	0.38	0.16	BR		
285	Decrease	RS	0.16	0.13	Curb		
285	Decrease	RS	0.13	0.00	NO		
971	Increase	RS	0.00	7.61	NO		

Table 1.1.2

NC Region Area 1, Routine Maintenance

971	Increase	RS	7.61	7.66	Neighbor maintained/General permit		
971	Increase	RS	7.66	7.80	NO		
971	Increase	RS	7.80	7.90	Neighbor maintained/General permit		
971	Increase	RS	7.90	8.29	NO		
971	Increase	RS	8.29	8.46	GR		
971	Increase	RS	8.46	8.98	NO		
971	Increase	RS	8.98	8.99	GR		
971	Increase	RS	8.99	9.00	BR		
971	Increase	RS	9.00	9.01	GR		
971	Increase	RS	9.01	9.08	NO		
971	Increase	RS	9.08	9.10	GR		
971	Increase	RS	9.10	9.12	BR		
971	Increase	RS	9.12	10.64	NO		
971	Increase	RS	10.64	10.72	JB		
971	Increase	RS	10.72	10.92	NO		
971	Increase	RS	10.92	11.02	JB		
971	Increase	RS	11.02	15.02	NO		
971	Decrease	RS	15.02	13.20	NO		
971	Decrease	RS	13.20	13.09	GR		
971	Decrease	RS	13.09	13.08	NO		
971	Decrease	RS	13.08	12.93	GR		
971	Decrease	RS	12.93	12.89	JB		
971	Decrease	RS	12.89	12.76	GR		
971	Decrease	RS	12.76	12.75	NO		
971	Decrease	RS	12.75	12.69	GR		
971	Decrease	RS	12.69	12.61	NO		
971	Decrease	RS	12.61	12.58	GR		
971	Decrease	RS	12.58	12.57	NO		
971	Decrease	RS	12.57	12.48	GR		
971	Decrease	RS	12.48	12.42	NO		
971	Decrease	RS	12.42	12.34	GR		
971	Decrease	RS	12.34	12.33	NO		
971	Decrease	RS	12.33	11.98	GR		
971	Decrease	RS	11.98	11.97	NO		
971	Decrease	RS	11.97	11.95	JB		
971	Decrease	RS	11.95	11.92	NO		
971	Decrease	RS	11.92	11.76	GR		
971	Decrease	RS	11.76	11.67	NO		
971	Decrease	RS	11.67	11.58	GR		
971	Decrease	RS	11.58	11.55	NO		
971	Decrease	RS	11.55	11.26	GR		
971	Decrease	RS	11.26	11.16	JB		
971	Decrease	RS	11.16	11.10	NO		
971	Decrease	RS	11.10	11.04	JB		
971	Decrease	RS	11.04	10.91	NO		
971	Decrease	RS	10.91	10.87	GR		
971	Decrease	RS	10.87	10.83	NO		
971	Decrease	RS	10.83	10.81	JB		
971	Decrease	RS	10.81	10.78	NO		
971	Decrease	RS	10.78	10.67	JB		
971	Decrease	RS	10.67	10.60	NO		
971	Decrease	RS	10.60	10.58	JB		
971	Decrease	RS	10.58	10.55	NO		
971	Decrease	RS	10.55	10.47	JB		
971	Decrease	RS	10.47	10.20	NO		
971	Decrease	RS	10.20	10.14	GR		
971	Decrease	RS	10.14	10.11	NO		
971	Decrease	RS	10.11	9.70	GR		
971	Decrease	RS	9.70	9.12	NO		
971	Decrease	RS	9.12	9.10	BR		
971	Decrease	RS	9.10	9.09	GR		
971	Decrease	RS	9.09	9.00	NO		
971	Decrease	RS	9.00	8.98	BR		
971	Decrease	RS	8.98	7.90	NO		
971	Decrease	RS	7.90	7.80	Neighbor maintained/General permit		
971	Decrease	RS	7.80	6.93	NO		
971	Decrease	RS	6.93	6.88	GR		
971	Decrease	RS	6.88	4.88	NO		
971	Decrease	RS	4.88	4.82	Neighbor maintained/General permit		

Table 1.1.2

NC Region Area 1, Routine Maintenance

971	Decrease	RS	4.82	1.77	NO		
971	Decrease	RS	1.77	1.63	Neighbor maintained/General permit		
971	Decrease	RS	1.63	0.60	NO		
971	Decrease	RS	0.60	0.00	GR		



<div></div> Babysbreath	75 <div></div> Mile Post
<div></div> Perennial Pepperweed	<div></div> Major Lakes
<div></div> Scotch Thistle	<div></div> Coast
<div></div> Purple Loosestrife	<div></div> State Park
<div></div> Oxeye Daisy	<div></div> Cities
<div></div> Dalmation Toadflax	<div></div> National Forest
<div></div> Knapweed	<div></div> NC area 1
<div></div> State Route	



Appendix C:
North Central Area 1
Nuisance Weed Locations
Map 1 of 2



Legend

- Sandbur
- Bull Thistle
- Canada Thistle
- St. Johnswort
- Mullein
- State Route
- Mile Post
- Major Lakes
- County Boundaries
- Coast
- State Park
- Cities
- National Forest
- NC area 1



Appendix C:
North Central Area 1
Nuisance Weed Locations
Map 2 of 2

Legend

- Babysbreath
- Japanese Knotweed
- Puncturevine
- Russian Thistle
- Kochia
- State Route
- Mile Post
- Major Lakes
- County Boundaries
- Coast
- State Park
- Cities
- National Forest
- NC area 1

0 8
Miles



Appendix D

Special Maintenance Area

Table 3.0

Definitions: Locations area distinguishes between opposing sides of the highway by right shoulder (RS) and median shoulder (LS) in relation to direction of travel, indicated by increasing (INC) or decreasing (DEC) mile markers

Description: Brief explanation of special treatment required

SR	Direction	Shoulder	BEG MP	END MP	Type	Description
002	Increase	RS	102.56	103.17	No Spray Area	Neighbor Maint./General Permit
002	Increase	RS	108.80	109.00	No Spray Area	Neighbor Maint./General Permit
002	Increase	RS	108.93	109.05	No Spray Area	Neighbor Maint./General Permit
002	Increase	RS	119.24	119.77 B	Ramps toward Entiat Chelan	Mow out quadrants
002	Decrease	RS	101.98	102.14	No Spray Area	Neighbor Maint./General Permit
002	Decrease	RS	104.65	104.69	No Spray Area	Neighbor Maint./General Permit
002	Decrease	RS	119.13	118.92	Ramps towards Ellensburg	Mow out quadrants
002	Decrease	RS	119.77	119.41	Ramps towards Entiat Chelan	Mow out quadrants
002	Decrease	RS	128.05	128.01	No Spray Area	Neighbor Maint./General Permit
002	Both	RS	148.81	150.26	City of Waterville	City maintained
002	Both	RS	56.78	57.65	National Forest	
002	Both	RS	58.83	66.25	National Forest	
002	Both	RS	66.77	67.90	National Forest	
002	Both	RS	68.59	71.09	National Forest	
002	Both	RS	72.41	78.01	National Forest	
002	Both	RS	82.53	83.54	US Forest Services	
002	Both	RS	83.80	84.42	US Forest Services	
002	Both	RS	90.61	89.35	National Forest	
002	Both	RS	90.93	94.41	National Forest	
002	Both	RS	93.22	94.30	Endangered Plant Species	No Spray
002	Both	RS	94.93	98.83	US Forest Services	
002	Both	RS	99.20	100.39	City of Leavenworth	City maintained
002	Both	RS	107.89	108.02	US Bureau of Land Management	
002	Both	RS	114.50	114.80	US Bureau of Land Management	
002	Both	RS	141.04	141.55	US Bureau of Land Management	
002	Both	RS	142.68	143.55	US Bureau of Land Management	
028	Increase	RS	3.74 B	4.25 B	Off ramp toward Quincy	Mow out quadrant
028	Both	RS	7.80	9.05	City of Rock Island	City maintained
028	Both	RS	11.12	12.01	Skagit Wildlife Area	
028	Both	RS	11.12	12.01	US Bureau of Land Management	
028	Both	RS	2.29 B	0.51	City of E. Wenatchee	City maintained
028 Spur	Both	RS	4.25	4.58	City of E. Wenatchee	City maintained
097	Decrease	RS	183.14	183.26	No Spray Area	Neighbor Maint./General Permit
097	Both	RS	151.12	151.23	US Forest Services	
097	Both	RS	151.47	151.65	US Forest Services	
097	Both	RS	151.92	152.01	US Forest Services	
097	Both	RS	152.52	153.21	US Forest Services	
097	Both	RS	153.43	171.39	US Forest Services	
097	Both	RS	172.00	176.25	US Forest Services	

Appendix D

Special Maintenance Area

Table 3.0

Definitions: Locations area distinguishes between opposing sides of the highway by right shoulder (RS) and median shoulder (LS) in relation to direction of travel, indicated by increasing (INC) or decreasing (DEC) mile markers

Description: Brief explanation of special treatment required

SR	Direction	Shoulder	BEG MP	END MP	Type	Description
097	Both	RS	178.70	178.93	US Forest Services	
097	Both	RS	226.99	227.81	US Bureau of Land Management	
097	Both	RS	237.11	237.95	US Bureau of Land Management	
097	Both	RS	241.21	242.18	US Bureau of Land Management	
097	Both	RS	246.68	246.97	US Bureau of Land Management	
097AR	Decrease	RS	219.50	218.98	No Spray Area	Neighbor Maint./General Permit
097AR	Decrease	RS	222.50	222.14	No Spray Area	Neighbor Maint./General Permit
097AR	Both	RS	211.83	212.00	US Bureau of Land Management	
097AR	Both	RS	214.28	217.14	City of Entiat	City maintained
097AR	Both	RS	224.75	225.12	US Forest Services	
097AR	Both	RS	228.04	228.52	US Bureau of Land Management	
097AR	Both	RS	231.85	235.58	City of Chelan	City maintained
097AR	Both	RS	237.43	237.38	US Bureau of Land Management	
150	Decrease	RS	2.80	2.90	No Spray Area	Neighbor Maint./General Permit
150	Decrease	RS	5.62	5.58	No Spray Area	Neighbor Maint./General Permit
150	Both	RS	4.94	8.25	City of Chelan	City maintained
150	Both	RS	9.08	12.06	City of Chelan	City maintained
207	Both	RS	0.25	0.94	US Forest Services	
207	Both	RS	1.12	1.22	US Forest Services	
207	Both	RS	2.02	4.01	National Forest	
285	Increase	RS	4.57	4.89	Off ramp to Easy St.	Mow out quadrant
285	Decrease	RS	5.04	4.55	Off ramp to Easy St.	Mow out quadrant
285	Both	RS	0.28	4.36	City of Wenatchee	City maintained
971	Decrease	RS	1.63	1.77	No Spray Area	Neighbor Maint./General Permit
971	Decrease	RS	4.82	4.88	No Spray Area	Neighbor Maint./General Permit
971	Both	RS	1.78	2.36	National Forest	
971	Both	RS	4.00	4.31	National Forest	
971	Both	RS	7.80	7.90	No Spray Area	Neighbor Maint./General Permit
971	Both	RS	9.19	10.26	State Park	



**Washington State
Department of Transportation**

Integrated Vegetation Management Record

Org. Code 425110	County Douglas	Date 8/18/2005	Vegetation Management Zone(s) <input checked="" type="checkbox"/> Zone 1 <input type="checkbox"/> Zone 2 <input type="checkbox"/> Zone 3																									
Area SR 28 MP 10 to MP 20		Location Rock Island - Trinidad pit																										
Check Appropriate Boxes: <table border="0"> <tr> <td><input type="checkbox"/> NB</td> <td><input checked="" type="checkbox"/> EB</td> <td><input type="checkbox"/> Roadside</td> <td><input type="checkbox"/> Landscaped Area</td> <td><input type="checkbox"/> Interchange</td> <td><input type="checkbox"/> Mitigation Site</td> <td><input type="checkbox"/> Third Party Damage</td> <td><input type="checkbox"/> Sensitive Sites</td> </tr> <tr> <td><input type="checkbox"/> SB</td> <td><input checked="" type="checkbox"/> WB</td> <td><input checked="" type="checkbox"/> Shoulder</td> <td><input type="checkbox"/> Rest Area</td> <td><input type="checkbox"/> Bridge</td> <td><input type="checkbox"/> Stormwater</td> <td><input type="checkbox"/> Yes</td> <td><input type="checkbox"/> Aquatic</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> Median</td> <td><input type="checkbox"/> Park-n-Ride</td> <td><input type="checkbox"/> Ramp</td> <td><input type="checkbox"/> Yard/Stockpile</td> <td></td> <td><input type="checkbox"/> Wetlands</td> </tr> </table>					<input type="checkbox"/> NB	<input checked="" type="checkbox"/> EB	<input type="checkbox"/> Roadside	<input type="checkbox"/> Landscaped Area	<input type="checkbox"/> Interchange	<input type="checkbox"/> Mitigation Site	<input type="checkbox"/> Third Party Damage	<input type="checkbox"/> Sensitive Sites	<input type="checkbox"/> SB	<input checked="" type="checkbox"/> WB	<input checked="" type="checkbox"/> Shoulder	<input type="checkbox"/> Rest Area	<input type="checkbox"/> Bridge	<input type="checkbox"/> Stormwater	<input type="checkbox"/> Yes	<input type="checkbox"/> Aquatic			<input type="checkbox"/> Median	<input type="checkbox"/> Park-n-Ride	<input type="checkbox"/> Ramp	<input type="checkbox"/> Yard/Stockpile		<input type="checkbox"/> Wetlands
<input type="checkbox"/> NB	<input checked="" type="checkbox"/> EB	<input type="checkbox"/> Roadside	<input type="checkbox"/> Landscaped Area	<input type="checkbox"/> Interchange	<input type="checkbox"/> Mitigation Site	<input type="checkbox"/> Third Party Damage	<input type="checkbox"/> Sensitive Sites																					
<input type="checkbox"/> SB	<input checked="" type="checkbox"/> WB	<input checked="" type="checkbox"/> Shoulder	<input type="checkbox"/> Rest Area	<input type="checkbox"/> Bridge	<input type="checkbox"/> Stormwater	<input type="checkbox"/> Yes	<input type="checkbox"/> Aquatic																					
		<input type="checkbox"/> Median	<input type="checkbox"/> Park-n-Ride	<input type="checkbox"/> Ramp	<input type="checkbox"/> Yard/Stockpile		<input type="checkbox"/> Wetlands																					
Target: <input checked="" type="checkbox"/> Noxious Weeds <input type="checkbox"/> Brush/Trees <input type="checkbox"/> Other <input type="checkbox"/> Nuisance Weeds <input type="checkbox"/> Hazard Tree <div style="float: right;"> List Target/Species: Kochia - Knapweed - Russian Thistle </div>																												
Reason for Action: <input checked="" type="checkbox"/> Noxious Weeds <input type="checkbox"/> Nuisance Weeds <input type="checkbox"/> Fire Prevention <input type="checkbox"/> Restore Native Veg. <input type="checkbox"/> Zone 1 Pilot <input type="checkbox"/> Aesthetic <input type="checkbox"/> Site Distance <input type="checkbox"/> Hazard Vegetation <input type="checkbox"/> Customer Request <input type="checkbox"/> Enhance Vegetation <input type="checkbox"/> Slope Stabilization <input type="checkbox"/> Other																												
Long term IVM plan (Describe goals/objectives and a step-by-step approach over time)																												
We tried Buctril 2EC for the first time. East Bound was 32ozl and W/B was 24ozl. Both had Vista@16ozl, MSO@32ozl, Chemtrol@32ozl and we were using water@40gls. We found that at 32ozl the Buctril had immediate effect and burn out after 3-4 days. We also tank mixed all these areas and from MP 10-16 we mixed and shot it; from MP 16-20 it sat in the tank for 6 days before we shot it and it seemed weaker but had good knockdown. What we found was that at 24ozl the knockdown took 10+ days to knock it down but had the same effect as as 32ozl. My thought is it may reach the roots without the immediate knockdown of the top plant (we'll see). This																												
Approximate Acres to Accomplish 20-25																												
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#1 Evaluation and Date We used Amine 4 @64ozl, Vista@16ozl, Chemtrol@32ozl, and MSO@32ozl. in other areas on SR28 and didn't have the same results. I checked the prices and it is within \$'s of each other. In the past years we used just the Amine 4 and didn't have much success and had to reapply throughout the year. The cost was around \$9 but by the time you put it on 2-3 times it has been more																												
#2 Evaluation and Date																												
#3 Evaluation and Date																												



Washington State
Department of Transportation

Pesticide Application

Org. Code 425110	County Chelan	Date of Application 7/27/2006	Start 9:30 Finish 2:30	<input checked="" type="radio"/> AM <input type="radio"/> PM	ICP 021A	Stores Issue Ticket Number(s) A 13545
Area SR 97 MP 164 to MP 172 and MP to MP and MP to MP and MP to MP						
Check Appropriate Boxes: <input checked="" type="checkbox"/> Roadside <input type="checkbox"/> Landscaped Area <input type="checkbox"/> Interchange <input type="checkbox"/> Yard/Stockpile <input checked="" type="checkbox"/> Spot Spray <input type="checkbox"/> Aquatic <input checked="" type="checkbox"/> NB <input type="checkbox"/> EB <input checked="" type="checkbox"/> Shoulder <input type="checkbox"/> Rest Area <input type="checkbox"/> Bridge <input type="checkbox"/> Blanket Spray <input type="checkbox"/> Wetlands <input type="checkbox"/> SB <input type="checkbox"/> WB <input type="checkbox"/> Median <input type="checkbox"/> Park-n-Ride <input type="checkbox"/> Ramp <input type="checkbox"/> Banded Width						
<input checked="" type="checkbox"/> Weeds <input checked="" type="checkbox"/> Noxious Weeds <input type="checkbox"/> Disease <input type="checkbox"/> Brush <input type="checkbox"/> Insects <input type="checkbox"/> Other List Pest(s): <u>Knapp/ toadflax/mullen / russian thistle /grasses</u>						
Start Weather Conditions Temperature 70 °F (°C) Wind (Direction From) 0 Wind (Range) 0 mph (km/h) <input checked="" type="radio"/> Sunny <input type="radio"/> Broken <input type="radio"/> Overcast No Rain <input type="radio"/> Light Scattered Showers <input type="radio"/> Hard Showers						
Finish Weather Conditions Temperature 86 °F (°C) Wind (Direction From) N Wind (Range) 2-4 mph (km/h) <input checked="" type="radio"/> Sunny <input type="radio"/> Broken <input type="radio"/> Overcast No Rain <input type="radio"/> Light Scattered Showers <input type="radio"/> Hard Showers						
Tank No.	Material Name	Material Type	EPA Reg. No.	Lot Number	Product per Acre (gallons)	Total Daily Usage Unit
1	Water		-----		35 Gal	989 Gal
2	Redi-vert III	Adjuvant	-----	F 60205	256 Ozl	4949 Ozl
4	Veteran 720	Pesticide	228-295	IL ED-03	96 Ozl	2206 Ozl
4	Escort XP	Pesticide	352-439	073321-OR-001	1 Ozd	34 Ozd
						0
						0
						0
						0
Total 34.5 Acres(hectares) Treated at 27 gallons(liters) of spray per acre(hectare).						
Equipment Number 8B29-1	Tank Size 1 1400 3 30 5 20	Calibration Date 6-27-2006	Vehicle Speed 8 mph (km/h)	Nozzle Pressure 30 PSI (MPa)	Width of Spray Pattern 5 Feet (meters)	
<input type="checkbox"/> Handpreader <input checked="" type="checkbox"/> Handgun <input type="checkbox"/> Boom <input type="checkbox"/> Backpack <input type="checkbox"/> Fixed Nozzle <input type="checkbox"/> Other (Specify) <u>Invert</u>				<input type="checkbox"/> Tank Mix (Conv.) <input checked="" type="checkbox"/> Injection <input checked="" type="checkbox"/> Invert		
Operator Name EUGENE F. AVEY		Operator Pesticide License No. 8171		Operator Signature		Driver Name Tim
Remarks				Buffer Involvement Name Simmons		
				Pesticide Sensitivity Registration Applicable: <input type="checkbox"/> Yes <input type="checkbox"/> No		
				Contact		
Division of Emergency Management (1-800-258-5990)				Additional Notes		

DOT Form 540-506 EF
Revised 9/2001

Distribution: OSC Mand. Operator Is open File
Send OSC Copy Within 5 Days

Ozl= Ounces Dry Lb= Pounds g= gram kg=kilo gram
Ozl= Ounces Liquid Ga= Gallon ml=Milliliter L= Liter
Pt=Pint Qt= Quart

Stakeholder List

Chelan County, 411 Washington St., Wenatchee, WA 98801
Douglas County, PO Box 428, Waterville, WA. 98858
King County, 155 Monroe Ave. NE, Renton, WA 98056
Kittitas County, 411 N Ruby, Ste 1, Kittitas, WA 98934
USFS Wenatchee National Forest, 215 Melody Lane, Wenatchee, WA 98801
City of Wenatchee, 25 N Worthern, Wenatchee, WA 98801
City of East Wenatchee, 271 9th St East Wenatchee, WA 98802
City of Entiat, PO Box 228, Entiat, WA 98822
City of Chelan PO Box 1669 Chelan, WA 98816
City of Manson, 312 Questiloquasoon, Manson WA. 98831
City of Waterville, PO Box 580, Waterville, WA 98858
City of Rock Island, PO Box 99, Rock Island, WA 98850
City of Cashmere, 101 Woodring, Cashmere, WA 98815
City of Leavenworth, PO Box 287, Leavenworth, WA 98826
New Stevens LLC, PO Box 98, Skykomish, WA 98288-0098
WDFW Region 2, 1550 Alder St. NW, Ephrata, WA 98823-9699
DNR Ellensburg, 713 E Bowers Road, Ellensburg, WA 98926
Cascade & Columbia Rail 901 Omak Ave. Omak, WA 98841
USB, 1917 Marsh Road, Yakima, WA 98907-1749
Confederation Tribes of the Colville, PO Box 150, Nespelem, WA 99155